Self Diagnosis Supported model

# SERVICE MANUAL

# SE-1 CHASSIS

| MODEL | COMMANDER | DEST | MODEL | COMMANDER | DEST |
|---|---|---|---|---|---|
| KDL-26U2000 | RM-ED007 | AEP | KDL-26U2000 | RM-ED007 | UK |
| KDL-32U2000 | RM-ED007 | AEP | KDL-32U2000 | RM-ED007 | UK |
| KDL-40U2000 | RM-ED007 | AEP | KDL-40U2000 | RM-ED007 | UK |

**KDL-26U2000 / KDL-32U2000 / KDL-40U2000**

**RM-ED007**

FLAT PANEL COLOR TV

SONY®

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WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

*SAFETY-RELATED COMPONENT WARNING !!*

*COMPONENTS IDENTIFIED BY SHADING AND MARKED ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.*

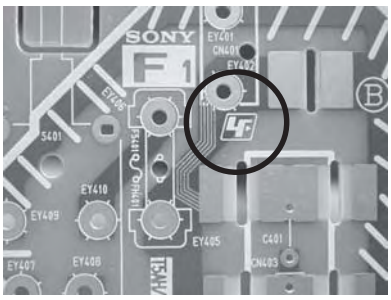
# CAUTION

## Lead Free Soldered Boards

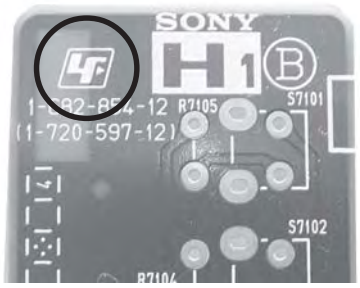
The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. F1, H1 etc [ see examples ]. The servicing of these boards requires special precautions to be taken as outlined below.



**example 1**




**example 2**




It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

| Partnumber | Diameter | Remarks |
|---|---|---|
| 7-640-005-19 | 0.3mm | 0.25Kg |
| 7-640-005-20 | 0.4mm | 0.50Kg |
| 7-640-005-21 | 0.5mm | 0.50Kg |
| 7-640-005-22 | 0.6mm | 0.25Kg |
| 7-640-005-23 | 0.8mm | 1.00Kg |
| 7-640-005-24 | 1.0mm | 1.00Kg |
| 7-640-005-25 | 1.2mm | 1.00Kg |
| 7-640-005-26 | 1.6mm | 1.00Kg |

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

| ITEM MODEL | Television System | Stereo System | Channel Coverage | Color System |
|---|---|---|---|---|
| E | B/G/H, D/K, I, L,DVB-T | GERMAN/NICAM Stereo | VHF : E02-E12<br>UHF : E21-E69<br>CATV : S01-S20<br>HYPER : S21-S41<br>D/K : R1-R12, R21-R69<br>L : F2-F10, B-Q, F21-F69<br>I : UHF B21-B69 | PAL, SECAM<br>NTSC 3.58/4.43<br>(VIDEO ONLY)<br>MPEG-2 MP@ML |
| U | I, DVB-T | NICAM Stereo | UHF : B21-B69 | PAL, SECAM<br>NTSC 3.58/4.43<br>(VIDEO ONLY)<br>MPEG-2 MP@ML |

<table>
<tr><td>Projected Picture Size</td><td>LCD (Liquid Crystal Display) Panel<br>KDL-26U2000 (26inches)<br>KDL-32U2000 (32inches)<br>KDL-40U2000 (40inches).</td><td colspan="2">Sound Output</td></tr>
<tr><td colspan="2" rowspan="2"></td><td>Right and Left speaker<br>Sub-woofer</td><td>2 x 10W (RMS)</td></tr>
<tr><td colspan="2">General Specifications</td></tr>
<tr><td colspan="2">Input/Output Terminals [REAR]</td><td>Power Requirements</td><td>220 - 240V</td></tr>
<tr><td rowspan="2">AV1: 21-pin Euro connector<br>(CENELEC standard)</td><td rowspan="2">Inputs for Audio and Video signals.<br>Inputs for RGB.<br>Outputs of TV Video and Audio signals.</td><td rowspan="2">Power Consumption/<br>Standby</td><td rowspan="2">KDL-26U2000:<br>Approx. 105W or less/1W or less<br><br>KDL-32U2000:<br>Approx. 160W or less/1W or less<br><br>KDL-40U2000:<br>Approx. 180W or less/1W or less</td></tr>
<tr><td rowspan="2">AV2: 21-pin Euro connector<br>(CENELEC standard)</td><td rowspan="2">Inputs for Audio and Video signals.<br>Inputs for RGB.<br>Outputs of Video and Audio signals<br>(Selectable). SmartLink interface.</td></tr>
<tr><td rowspan="2">Dimensions</td><td rowspan="2">KDL-26U2000:<br>Approx. 663x503x220mm (With stand)<br>Approx. 663x472x128mm (Without stand)<br><br>KDL-32U2000:<br>Approx. 797x580x220mm (With stand)<br>Approx. 797x548x125mm (Without stand)<br><br>KDL-40U2000:<br>Approx. 988x687x270mm (With stand)<br>Approx. 988x653x128mm (Without stand)</td></tr>
<tr><td rowspan="2">AV3: Phono Jacks</td><td rowspan="2">Y:1 Vp-p, 75 ohms, 0.3V negative sync<br>$P_B/C_B$:0.7 Vp-p,75 ohms<br>$P_R/C_R$:0.7 Vp-p,75 ohms<br>Audio Input Jacks: 500mV rms,<br>47Kohms</td></tr>
<tr><td rowspan="2">Weight</td><td rowspan="2">KDL-26U2000:<br>Approx. 12kg (With stand)<br>Approx. 10kg (Without stand)<br><br>KDL-32U2000:<br>Approx. 16kg (With stand)<br>Approx. 14kg (Without stand)<br><br>KDL-40U2000:<br>Approx. 24kg (With stand)<br>Approx. 21kg (Without stand)</td></tr>
<tr><td>HDMI Input</td><td>HDMI Connector.</td></tr>
<tr><td>PC Input</td><td>15 Pin D-Sub Connector.</td><td>Supplied Accessories</td><td>RM-ED007 Remote Commander (1)<br>IEC designated R06 battery (2)<br>Cable Holder (1) (KDL-40U2000 only)<br>Support Belt (1) and Screws (2)</td></tr>
<tr><td>CAM</td><td>Conditional Access Module</td><td rowspan="3">Other Features</td><td rowspan="3">IDTV, High Picture Quality WXGA, 3D Comb Filter, BBE Digital, Virtual Dolby Surround, HDMI Input, PC Input (HD15), Video Label, Channel Return, Sleep Timer, Fanless Design.</td></tr>
<tr><td colspan="2">Input/Output Terminals [SIDE]</td></tr>
<tr><td>Headphone jack</td><td>Stereo mini jack</td><td colspan="2">Remote control system : Infrared control</td></tr>
<tr><td>Audio input</td><td>Phono jacks</td><td rowspan="3">Power requirements</td><td rowspan="3">3V dc<br>2 batteries IEC designation<br>R06 (size AA)</td></tr>
<tr><td>Video input</td><td>Phono jack</td></tr>
<tr><td>S Video input</td><td>4 pin mini DIN</td></tr>
<tr><td colspan="4">Design and specifications are subject to change without notice.</td></tr>
</table>

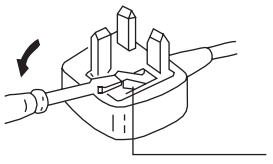
| Model Name<br>Item | KDL-26U2000<br>KDL-32U2000<br>KDL-40U2000<br>(AEP) | KDL-26U2000<br>KDL-32U2000<br>KDL-40U2000<br>(UK) |
|---|---|---|
| PAP | OFF | OFF |
| PAT | OFF | OFF |
| RGB Priority | ON | ON |
| Sub Woofer | OFF | OFF |
| Scart 1 | ON | ON |
| Scart 2 | ON | ON |
| Front in (4) | ON | ON |
| Projector | OFF | OFF |
| Norm B/G | ON | OFF |
| Norm I | ON | ON |
| Norm D/K | ON | OFF |
| Norm AUS | OFF | OFF |
| Norm L | ON | OFF |
| Norm SAT | OFF | OFF |
| Norm M | OFF | OFF |
| Teletext | ON | ON |
| Nicam Stereo | ON | ON |

## WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **10 AMP** rating. Should the fuse need to be replaced, use a **10AMP FUSE** approved by ASTA to **BS 1362**, ie one that carries the ASTA mark.

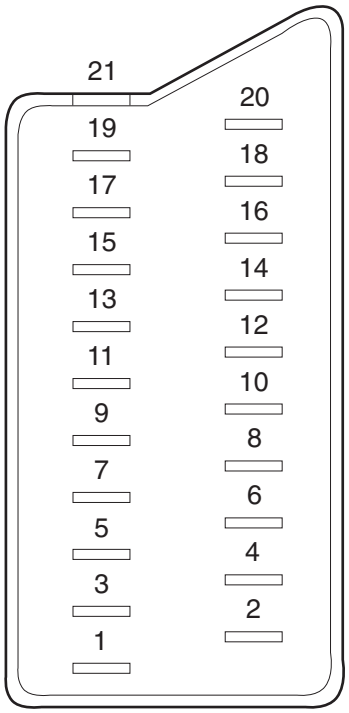
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

When an alternative type of plug is used, it should be fitted with a **10 AMP FUSE**, otherwise the circuit should be protected by a **10AMP FUSE** at the distribution board.




How to replace the fuse.
Open the fuse compartment with a screwdriver blade and replace the fuse.

## 21 pin connector




| Pin No | 1 | 2 | Signal | Signal level |
|---|---|---|---|---|
| 1 | ○ | ○ | Audio output B (right) | Standard level : 0.5V rms<br>Output impedence : Less than 1kohm* |
| 2 | ○ | ○ | Audio input B (right) | Standard level : 0.5V rms<br>Output impedence : More than 10kohm* |
| 3 | ○ | ○ | Audio output A (left) | Standard level : 0.5V rms<br>Output impedence : Less than 1kohm* |
| 4 | ○ | ○ | Ground (audio) | |
| 5 | ○ | ○ | Ground (blue) | |
| 6 | ○ | ○ | Audio input A (left) | Standard level : 0.5V rms<br>Output impedence : More than 10kohm* |
| 7 | ○ | ○ | Blue input | 0.7 +/- 3dB, 75 ohms positive |
| 8 | ○ | ○ | Function select (AV control) | High state (9.5-12V) : Part mode<br>Low state (0-2V) : TV mode<br>Input impedence : More than 10K ohms<br>Input capacitance : Less than 2nF |
| 9 | ○ | ○ | Ground (green) | |
| 10 | ● | ○ | AVlink | |
| 11 | ○ | ○ | Green | Green signal : 0.7 +/- 3dB, 75 ohms, positive |
| 12 | ● | ● | Open | |
| 13 | ○ | ○ | Ground (red) | |
| 14 | ○ | ○ | Ground (blanking) | |
| 15 | ○ | ○ | Red input | 0.7 +/- 3dB, 75 ohms, positive |
| | - | - | (S signal Chroma input) | 0.3 +/- 3dB, 75 ohms, positive |
| 16 | ○ | ○ | Blanking input (Ys signal) | High state (1-3V) Low state (0-0.4V)<br>Input impedence : 75 ohms |
| 17 | ○ | ○ | Ground (video output) | |
| 18 | ○ | ○ | Ground (video input) | |
| 19 | ○ | ○ | Video output | 1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB) |
| 20 | ○ | ○ | Video input | 1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB) |
| | - | - | Video input Y (S signal) | 1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB) |
| 21 | ○ | ○ | Common ground (plug, shield) | |

○ Connected ● Not Connected (open) * at 20Hz - 20kHz

## Rear Connection Panel

## Side Connection Panel

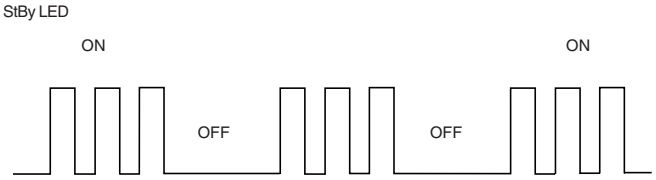
**S-Video socket**

| S Video socket pin configuration | | |
|---|---|---|
| Pin No | Signal | Signal Level |
| 1 | Ground | - |
| 2 | Ground | - |
| 3 | Y (S signal) input | 1V+/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB |
| 4 | C (S signal) input | 0.3V+/- 3dB 75ohm, positive Sync. |

# SE-1 SELF DIAGNOSTIC SOFTWARE

The identification of errors within the SE-1 chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted).

**Flash Timing Example : e.g. error number 3**




## LED Error Code

| Error Message | LED Code | Checked | Action |
|---|---|---|---|
| Power Supply Protection Error | 03 | In Normal mode. | Goes into standby. LED flashes 3 times. |
| Panel Error | 04 | In Normal mode. | Goes into standby. LED flashes 4 times. |
| NVM Error | 05 | In Initialisation state. | Adds error to Error Menu. LED flashes 5 times in factory mode. |
| IIC Error | 06 | In Initialisation state. | Adds error to Error Menu. LED flashes 6 times in factory mode. |
| HDMI Error | 07 | In Initialisation state. | Adds error to Error Menu. LED flashes 7 times in factory mode. |
| Digital Error | 08 | In Initialisation state. | Adds error to Error Menu. LED flashes 8 times in factory mode. |
| Tuner Error | 09 | In Initialisation state. | Adds error to Error Menu. LED flashes 9 times in factory mode. |
| Sound Processor Error | 10 | In Initialisation state. | Adds error to Error Menu. LED flashes 10 times in factory mode. |
| Video Processor (VCTP) Error | 11 | In Initialisation state. | Adds error to Error Menu. LED flashes 11 times in factory mode. |
| Port Expander Error | 12 | In Initialisation state. | Adds error to Error Menu. LED flashes 12 times in factory mode. |
| RTC IC Error | 14 | In Initialisation state. | Adds error to Error Menu. LED flashes 14 times in factory mode. |

**The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.**

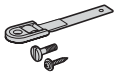
# 1: Checking the accessories

**Remote RM-ED007 (1)**

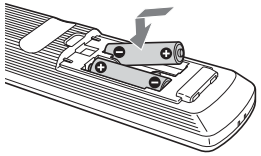
**Size AA batteries (R6 type) (2)**

**Cable holder (1) (only for KDL-40U2000)**

**Support belt (1) and screws (2)**



### To insert batteries into the remote

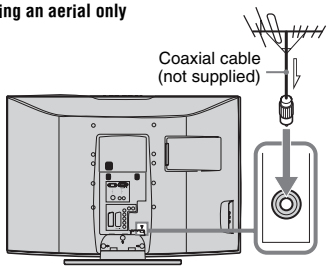


**Notes**

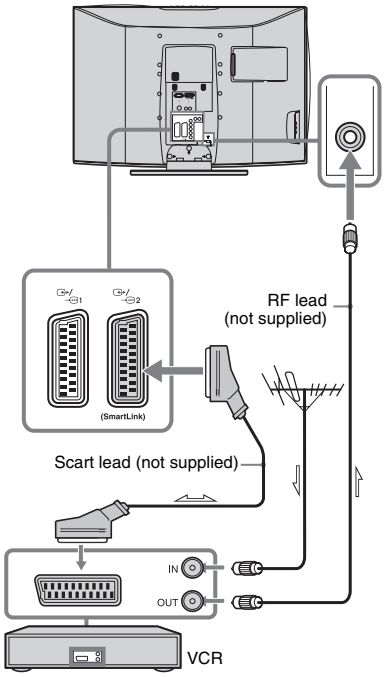
- Observe the correct polarity when inserting batteries.
- Dispose of batteries in an environmentally friendly way. Certain regions may regulate disposal of the battery. Please consult your local authority.
- Do not use different types of batteries together or mix old and new batteries.
- Handle the remote with care. Do not drop or step on it, or spill liquid of any kind onto it.
- Do not place the remote in a location near a heat source, or in a place subject to direct sunlight, or in a damp room.

# 2: Connecting an aerial/ VCR

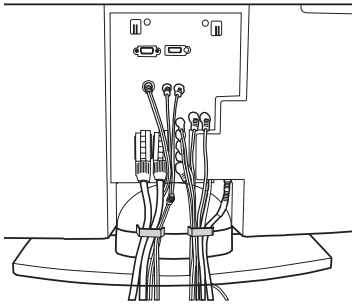
**Connecting an aerial only**



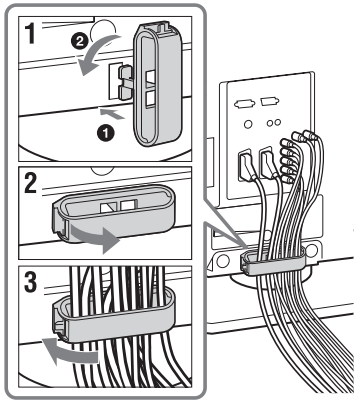

**Connecting an aerial and VCR**



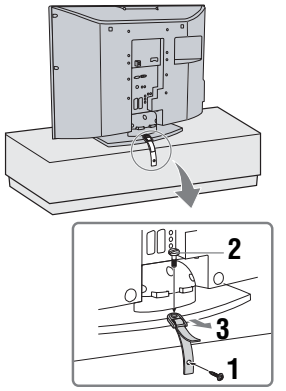

# 3: Bundling the cables



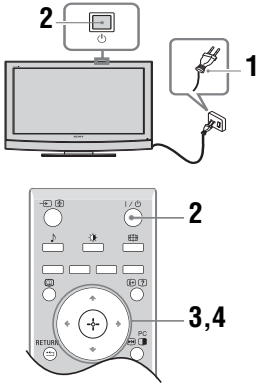
(only for KDL-40U2000)




# 4: Preventing the TV from toppling over




# 5: Selecting the language and country/region

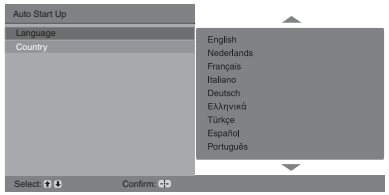



**1** Connect the TV to your mains socket (220-240V AC, 50Hz).

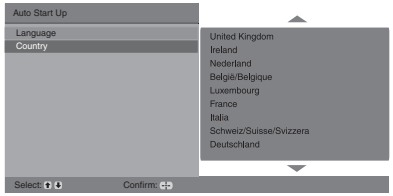
**2** Press ⏻ on the TV (top side).
When you switch on the TV for the first time, the Language menu appears on the screen.
When the TV is in standby mode (the ⏻ (standby) indicator on the TV (front) is red), press **I**/⏻ on the remote to switch on the TV.

*Continued*

**3** Press ⇧/⇩ to select the language displayed on the menu screens, then press ⊕.



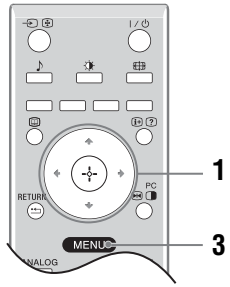

**4** Press ⇧/⇩ to select the country/region in which you will operate the TV, then press ⊕.



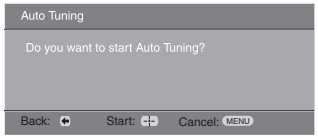

If the country/region in which you want to use the TV does not appear in the list, select "-" instead of a country/region.
The message confirming the TV start auto-tuning appears on the screen, then go to "6: Auto-tuning the TV".

# 6: Auto-tuning the TV

After selecting the language and country/region, a message confirming the TV start auto-tuning appears on the screen.
The TV will now search for and store all available TV channels.




**1** Press ⇦ to select "OK", then press ⊕.




The TV starts searching for all available digital channels, followed by all available analogue channels. This may take some time, please be patient and do not press any buttons on the TV or remote.

**If a message appears for you to confirm the aerial connections**

No digital or analogue channels were found. Check all the aerial connections and press ⊕ to start auto-tuning again.

**2** When the Programme Sorting menu appears on the screen, follow the steps of "Programme Sorting" (page 25).

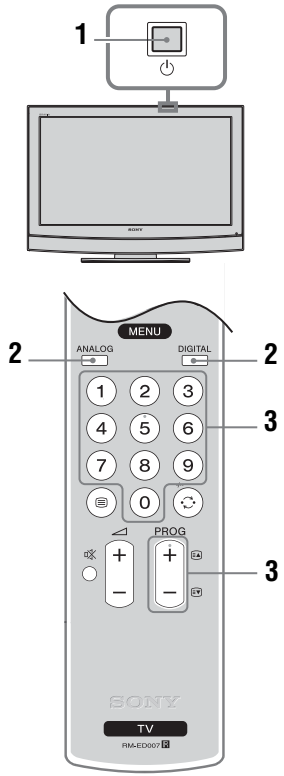
If you do not wish to change the order in which the analogue channels are stored on the TV, go to step 3.

**3** Press MENU to exit.

The TV has now tuned in all the available channels.



# Watching TV




**1** Press ⏻ on the TV (top side) to switch on the TV.

When the TV is in standby mode (the ⏻ (standby) indicator on the TV (front) is red), press I/⏻ on the remote to switch on the TV.

**2** Press DIGITAL to switch to digital mode or ANALOG to switch to analogue mode.

The channels available vary depending on the mode.

**3** Press the number buttons or PROG +/- to select a TV channel.

To select channel numbers 10 and above using the number buttons, enter the second and third digits within two seconds.
To select a digital channel using the Digital Electronic Programme Guide (EPG), see page 15.

**In digital mode**

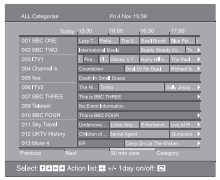
An information banner appears briefly. The following icons may be indicated on the banner.

- : Radio service
- : Scrambled/Subscription service
- : Multiple audio languages available
- : Subtitles available
- : Subtitles available for the hearing impaired
- ⑱: Recommended minimum age for current programme (from 4 to 18 years)
- : Parental Lock
- : Current programme is being recorded

## Additional operations

| To | Do this |
|---|---|
| Turn off the TV temporarily (Standby mode) | Press I/⏻. |
| Turn on the TV from Standby mode without sound | Press 🔇. Press ◿ +/- to set the volume level. |
| Turn off the TV | Press ⏻ on the TV (top side). |
| Adjust the volume | Press ◿ + (increase)/ - (decrease). |
| Mute the sound | Press 🔇. Press again to restore. |
| Access the Programme index table (in analogue mode only) | Press ⊕. To select an analogue channel, press ⇧/⇩, then press ⊕. To access the Input signal index table, see page 18. |

# Checking the Digital Electronic Programme Guide (EPG) DVB



Digital Electronic Programme Guide (EPG)

1 In digital mode, press EPG to display the Digital Electronic Programme Guide (EPG).

2 Perform the desired operation, as shown in the following table.

**Note**

Programme information will only be displayed if the TV station is transmitting it.

| To | Do this |
|---|---|
| Turn off the EPG | Press EPG. |
| Move through the EPG | Press ↑/↓/←/→. |
| Watch a current programme | Press ⊕ while the current programme is selected. |
| Sort the programme information by category – Category list | 1 Press the blue button.<br>2 Press ↑/↓/←/→ to select a category. The category name is displayed on the side.<br>The categories available include:<br>"Favourite": Contains all the channels that have been stored in the Favourite list (page 17).<br>"All Categories": Contains all available channels.<br>"News": Contains all news channels.<br>3 Press ⊕.<br>The Digital Electronic Programme Guide (EPG) now only displays the current programmes from the category selected. |
| Set a programme to be recorded – Timer REC | 1 Press ↑/↓/←/→ to select the future programme you want to record.<br>2 Press ⊕.<br>3 Press ↑/↓ to select "Timer REC".<br>4 Press ⊕ to set the TV and your VCR timers.<br>A ● symbol appears by that programme's information. The ⏲ indicator on the TV (front) lights up.<br>**Notes**<br>• You can set VCR timer recording on the TV only for Smartlink compatible VCRs. If your VCR is not Smartlink compatible, a message will be displayed to remind you to set your VCR timer.<br>• Once a recording has begun, you can switch the TV to standby mode, but do not switch off the TV completely or the recording may be cancelled.<br>• If an age restriction for programmes has been selected, a message asking for pin code will appear on the screen. For more details refer to "Parental Lock" on page 29. |

# Viewing pictures from connected equipment

Switch on the connected equipment, then perform one of the following operation.

**For equipment connected to the scart sockets using a fully-wired 21-pin scart lead**

Start playback on the connected equipment.
The picture from the connected equipment appears on the screen.

**For an auto-tuned VCR (page 4)**

In analogue mode, press PROG +/-, or the number buttons, to select the video channel.

**For other connected equipment**

Press →/⊡ repeatedly until the correct input symbol (see below) appears on the screen.

→AV1/→AV1, →AV2/→AV2:
Audio/video or RGB input signal through the scart socket →/→1 or 2. → appears only if an RGB source has been connected.

→AV3:
Component input signal through the Y, PB/CB, PR/CR sockets →/→3, and audio input signal through the L, R sockets →/→3.

→AV4/S→AV4:
Video input signal through the video socket →4, and audio input signal through the L (MONO), R audio sockets →4. →S appears only if the equipment is connected to the S video socket S→4 instead of the video socket →4, and S video input signal is input through the S video socket S→4.

→5:
RGB input signal through the PC connectors →5, and audio input signal through the socket →.

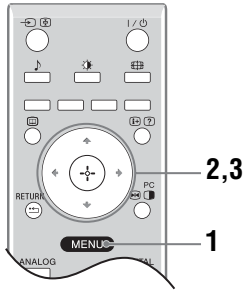
→AV6:
Digital audio/video signal is input through the HDMI IN 6 socket. Audio input signal is analogue only if the equipment has been connected using the DVI and audio out socket.

## Additional operations

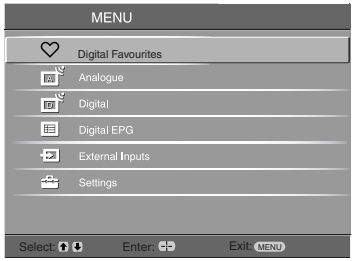
| To | Do this |
|---|---|
| Return to the normal TV operation | Press DIGITAL or ANALOG. |
| Access the Input signal index table | Press ⊕ to access the Input signal index table. (Then, only in analogue mode, press →.) To select an input source, press ↑/↓, then press ⊕. |

# Navigating through menus

"MENU" allows you to enjoy various convenient features of this TV. You can easily select channels or external inputs with the remote. Also, settings for your TV can be changed easily using "MENU".




**1** Press MENU to display the menu.




**2** Press ⇧/⇩ to select an option.

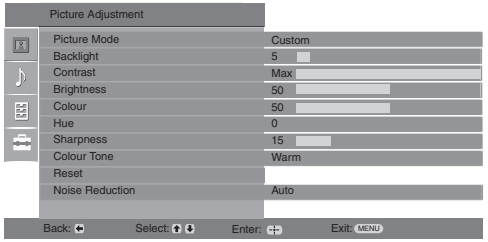
**3** Press ⊕ to confirm a selected option.

To exit the menu, press MENU.

| Menu | Description |
|---|---|
| Digital Favourites (in digital mode only) | Launches the Favourite list. For details about settings, see page 17. |
| TV List (in analogue mode only) | Allows you to select TV programs from a list of channel labels.<br>• To watch the desired channel, select the channel, then press ⊕.<br>• To assign a label to a program, see page 26. |
| Analogue (in digital mode only) | Returns to the last viewed analogue channel. |
| Digital (in digital mode only) | Returns to the last viewed digital channel. |
| Digital EPG (in digital mode only) | Launches the Digital Electronic Programme Guide (EPG).<br>For details about settings, see page 15. |
| External Inputs | Selects equipment connected to your TV.<br>• To watch the desired external input, select the input source, then press ⊕.<br>• To assign a label to an external input, see page 25. |
| Settings | Opens the Settings menu screen where most of advanced settings and adjustments are performed. Select a menu icon, select an option and make the desired change or adjustment using ⇧/⇩/⇦/⇨.<br>For details about settings, see page 20 to 29. |



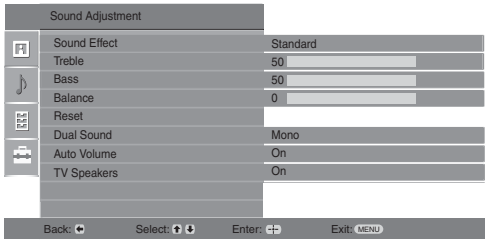
# Picture Adjustment menu




You can select the options listed below on the Picture menu. To select options in "Settings", see "Navigating through menus" (page 19).

| | |
|---|---|
| **Picture Mode** | Selects the picture mode.<br>• "Vivid": For enhanced picture contrast and sharpness.<br>• "Standard": For standard picture. Recommended for home entertainment.<br>• "Custom": Allows you to store your preferred settings. |
| **Backlight** | Adjusts the brightness of the backlight. |
| **Contrast** | Increases or decreases picture contrast. |
| **Brightness** | Brightens or darkens the picture. |
| **Colour** | Increases or decreases colour intensity. |
| **Hue** | Increases or decreases the green tones.<br>**Tip**<br>"Hue" can only be adjusted for an NTSC colour signal (e.g., U.S.A. video tapes). |
| **Sharpness** | Sharpens or softens the picture. |
| **Colour Tone** | Adjusts the whiteness of the picture.<br>• "Cool": Gives the white colours a blue tint.<br>• "Neutral": Gives the white colours a neutral tint.<br>• "Warm": Gives the white colours a red tint.<br>**Tip**<br>"Warm" can only be selected when you set "Picture Mode" to "Custom". |
| **Reset** | Resets all picture settings except "Picture Mode" to the factory settings. |
| **Noise Reduction** | Reduces the picture noise (snowy picture) in a weak broadcast signal.<br>• "Auto": Automatically reduces the picture noise.<br>• "High/Mid/Low": Modifies the effect of the noise reduction. |

# Sound Adjustment menu




You can select the options listed below on the Sound menu. To select options in “Settings”, see “Navigating through menus” (page 19).

**Sound Effect**

Selects the sound mode.
- “Standard”: Enhances clarity, detail, and sound presence by using “BBE High definition Sound System.”
- “Dynamic”: Intensifies clarity and sound presence for better intelligibility and musical realism by using the “BBE High definition Sound System.”
- “BBE ViVA”: BBE ViVA Sound provides musically accurate natural 3D image with Hi-Fi sound. The clarity of the sound is improved by BBE while the width depth and height of sound image are expanded by BBE’s proprietary 3D sound process. BBE ViVA Sound is compatible with all TV programs including news, music, dramas, movies, sports and electronic games.
- “Dolby Virtual”: Uses the TV speakers to simulate the surround effect produced by a multi channel system.
- “Off”: Flat response.

**Tips**
- You can change sound effect by pressing ♪ repeatedly.
- If you set “Auto Volume” to “On”, “Dolby Virtual” changes to “Standard”.

**Treble**

Adjusts higher-pitched sounds.

**Bass**

Adjusts lower-pitched sounds.

**Balance**

Emphasizes left or right speaker balance.

**Reset**

Resets all the sound settings to the factory settings.

**Dual Sound**

Selects the sound from the speaker for a stereo or bilingual broadcast.
- “Stereo”, “Mono”: For a stereo broadcast.
- “A”/“B”/“Mono”: For a bilingual broadcast, select “A” for sound channel 1, “B” for sound channel 2, or “Mono” for a mono channel, if available.

**Tip**

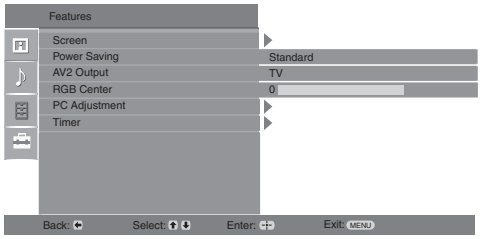
If you select other equipment connected to the TV, set “Dual Sound” to “Stereo”, “A” or “B”.

**Auto Volume**

Keeps a constant volume level even when volume level gaps occur (e.g., adverts tend to be louder than programmes).



# Features menu




You can select the options listed below on the Features menu. To select options in “Settings”, see “Navigating through menus” (page 19).

**Screen**

Changes the screen format.
- “Auto Format”: Automatically changes the screen format according to the broadcast signal.
- “Screen Format”: For details about the screen format, see page 14
- “Vertical Size”: Adjusts the vertical size of the picture when the screen format is set to Smart.

**Tips**
- Even if you have selected “On” or “Off” in “Auto Format”, you can always modify the format of the screen by pressing repeatedly.
- “Auto Format” is available for PAL and SECAM signals only.

**Power Saving**

Selects the power saving mode to reduce the power consumption of the TV.
- “Standard”: Default settings.
- “Reduce”: Reduces the power consumption of the TV.
- “Picture Off”: Switches off the picture. You can listen to the sound with the picture off.

**AV2 Output**

Sets a signal to be output through the socket labelled /2 on the rear of the TV. If you connect a VCR to the /2 socket, you can then record from the equipment connected to other sockets of the TV.
- “TV”: Outputs a broadcast.
- “Auto”: Outputs whatever is being viewed on the screen.

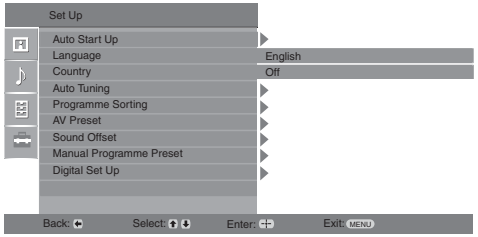
**RGB Center**

Adjusts the horizontal picture position so that the picture is in the middle of the screen.

**Tip**

This option is only available if an RGB source has been connected to the Scarts connectors 1/1 or 2/2 on the rear of the TV.

# Set-up menu




You can select the options listed below on the Set-up menu. To select options in “Settings”, see “Navigating through menus” (page 19).

**Auto Start-up**

Starts the “first time operation menu” to select the language and country/region, and tune in all available digital and analogue channels. Usually, you do not need to do this operation because the language and country/region will have been selected and channels already tuned when the TV was first installed (page 5, 6). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

**Language**

Selects the language in which the menus are displayed.

**Country**

Selects the country/region where you operate the TV.

**Tip**

The country/region in which you want to use the TV does not appear in the list, select “Off” instead of a country/region.

**Auto Tuning**

Tunes in all the available analogue channels.
Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 5, 6). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

**Programme Sorting**

Changes the order in which the analogue channels are stored on the TV.

1 Press ⇧/⇩ to select the channel you want to move to a new position, then press ⊕.
2 Press ⇧/⇩ to select the new position for your channel, then press ⊕.

**AV Preset**

Assigns a name to any equipment connected to the side and rear sockets. The name will be displayed briefly on the screen when the equipment is selected. You can skip an input source that is not connected to any equipment.

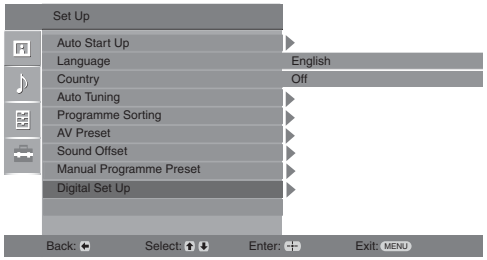
1 Press ⇧/⇩ to select the desired input source, then press ⊕.
2 Press ⇧/⇩ to select the desired option below, then press ⊕.
- “Equipment labels”: Uses one of the preset labels to assign a name to connected equipment.
- “Edit”: Creates your own label.
- “Skip”: Skips an input source that is not connected to any equipment when you press ⇧/⇩ to select the input source.

**Sound Offset**

Sets an independent volume level to each equipment connected to the TV.



# Digital Set-up menu DVB




You can change/set the digital settings using the Digital Set-up menu. To select options in “Settings”, see “Navigating through menus” (page 19).

**Digital Tuning**

Displays the “Digital Tuning” menu.

**Digital Auto Tuning**

Tunes in all the available digital channels.
Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 5). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

**Programme List Edit**

Removes any unwanted digital channels stored on the TV, and changes the order of the digital channels stored on the TV.

1 Press ⇧/⇩ to select the channel you want to remove or move to a new position.

**If you know the programme number (frequency)**

Press the number buttons to enter the three-digit programme number of the broadcast you want.

2 Remove or change the order of the digital channels as follows:

**To remove the digital channel**

Press ⊕. A message that confirms whether the selected digital channel is to be deleted appears. Press ⇦ to select “Yes”, then press ⊕.

**To change the order of the digital channels**

Press ⇨, then press ⇧/⇩ to select the new position for the channel and press ⇦. Repeat the procedure in steps 1 and 2 to move other channels if required.

3 Press RETURN.

**Digital Manual Tuning**

Tunes the digital channels manually.

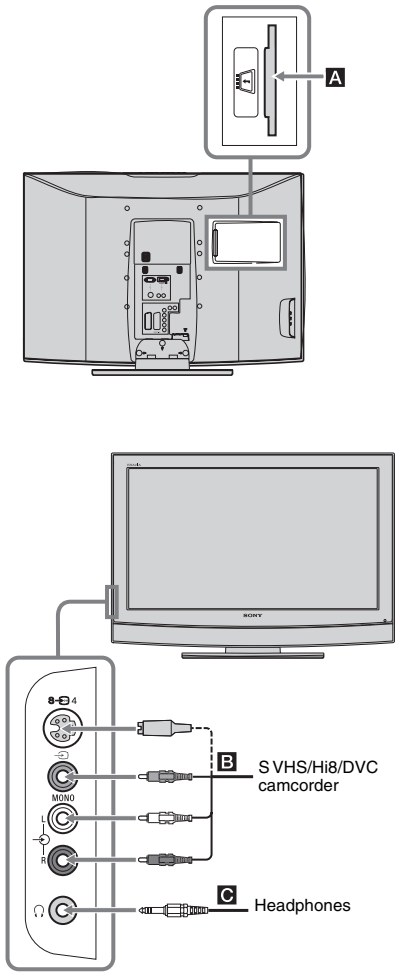
1 Press the number button to select the channel number you want to manually tune, then press ⇧/⇩ to tune the channel.
2 When the available channels are found, press ⇧/⇩ to select the channel you want to store, then press ⊕.
3 Press ⇧/⇩ to select the programme number where you want to store the new channel, then press ⊕.

Repeat the procedure above to tune other channels manually.

# Connecting optional equipment

You can connect a wide range of optional equipment to your TV. Connecting cables are not supplied.

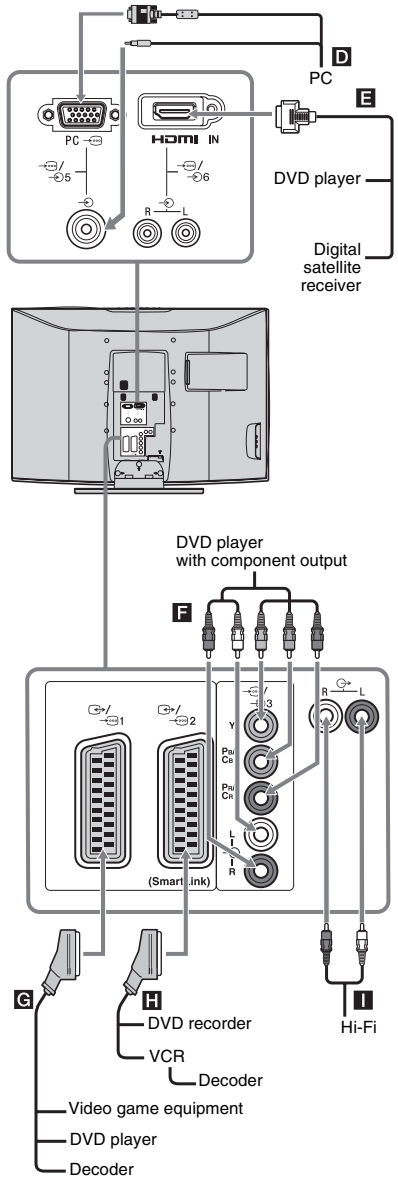
## Connecting to the TV (side)




| To connect | Do this |
|---|---|
| Conditional Access Module (CAM) **A** | To use Pay Per View services. For details, refer to the instruction manual supplied with your CAM. To use the CAM, remove the rubber cover from the CAM slot. Switch off the TV when inserting your CAM into the CAM slot. When you do not use the CAM, we recommend that you replace the cover on the CAM slot. |
| S VHS/Hi8/DVC camcorder **B** | Connect to the S video socket S 4 or the video socket 4, and the audio sockets 4. To avoid picture noise, do not connect the camcorder to the video socket 4 and the S video socket S 4 at the same time. If you connect mono equipment, connect to the L socket 4, and set "Dual Sound" to "A" (page 21). |
| Headphones **C** | Connect to the socket to listen to sound from the TV on headphones. |

*Continued*

## Connecting to the TV (rear)




| To connect | Do this |
|---|---|
| PC **D** | Connect to the PC / sockets. It is recommended to use a PC cable with ferrites. |
| Digital satellite receiver or DVD player **E** | Connect to the HDMI IN 6 socket if the equipment has a HDMI socket. The digital video and audio signals are input from the equipment. If the equipment has a DVI socket, connect the DVI socket to the HDMI IN 6 socket through a DVI - HDMI adaptor interface (not supplied), and connect the equipment's audio out sockets to the audio in HDMI IN 6 sockets.<br>**Notes**<br>• The HDMI sockets only support the following Video inputs: 480i, 480p, 576i, 576p, 720p and 1080i. To connect a PC, please use the PC input socket.<br>• Use HDMI certified cable with HDMI logo. |
| DVD player with component output **F** | Connect to the component sockets and the audio sockets / 3. |
| Video game equipment, DVD player or decoder **G** | Connect to the scart socket / 1. When you connect the decoder, the scrambled signal from the TV tuner is output to the decoder, then the unscrambled signal is output from the decoder. |
| DVD recorder or VCR that supports SmartLink **H** | Connect to the scart socket / 2. SmartLink is a direct link between the TV and a VCR/DVD recorder. |
| Hi-Fi audio equipment **I** | Connect to the audio output sockets to listen to the sound from the TV on Hi-Fi audio equipment. |

# Specifications

### Display Unit

Power Requirements:
220–240 V AC, 50 Hz
Screen Size:
KDL-40U2000: 40 inches
KDL-32U2000: 32 inches
KDL-26U2000: 26 inches
Display Resolution:
1,366 dots (horizontal) × 768 lines (vertical)
Power Consumption:
KDL-40U2000: 180 W or less
KDL-32U2000: 160 W or less
KDL-26U2000: 105 W or less
Standby Power Consumption:
1 W or less
Dimensions (w × h × d):
KDL-40U2000:
Approx. 988 × 687 × 270 mm (with stand)
Approx. 988 × 653 × 128 mm (without stand)
KDL-32U2000:
Approx. 797 × 580 × 220 mm (with stand)
Approx. 797 × 548 × 125 mm (without stand)
KDL-26U2000:
Approx. 663 × 503 × 220 mm (with stand)
Approx. 663 × 472 × 128 mm (without stand)
Mass:
KDL-40U2000:
Approx. 24 kg (with stand)
Approx. 21 kg (without stand)
KDL-32U2000:
Approx. 16 kg (with stand)
Approx. 14 kg (without stand)
KDL-26U2000:
Approx. 12 kg (with stand)
Approx. 10 kg (without stand)

### Panel System

LCD (Liquid Crystal Display) Panel

### TV System

Analogue: Depending on your country/region selection: B/G/H, D/K, L, I
Digital: DVB-T

### Colour/Video System

Analogue: PAL, SECAM
NTSC 3.58, 4.43 (only Video In)
Digital: MPEG-2 MP@ML

### Aerial

75 ohm external terminal for VHF/UHF

### Channel Coverage

Analogue: VHF: E2–E12
UHF: E21–E69
CATV: S1–S20
HYPER: S21–S41
D/K: R1–R12, R21–R69
L: F2–F10, B–Q, F21–F69
I: UHF B21–B69
Digital: VHF/UHF

### Terminals

/ 1
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, and TV audio/video output.
/ 2 (SmartLink)
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, selectable audio/video output, and SmartLink interface.
3
Supported formats: 1080i, 720p, 576p, 576i, 480p, 480i
Y: 1 Vp-p, 75 ohms, 0.3V negative sync
PB/CB: 0.7 Vp-p, 75 ohms
PR/CR: 0.7 Vp-p, 75 ohms
3
Audio input (phono jacks)
500 mVrms
Impedance: 47 kilo ohms
S 4 S video input (4-pin mini DIN)
4 Video input (phono jack)
4 Audio input (phono jacks)
Audio output (Left/Right) (phono jacks)

PC PC Input (15 Dsub) (see page 31)
G: 0.7 Vp-p, 75 ohms, non Sync on Green
B: 0.7 Vp-p, 75 ohms, non Sync on Green
R: 0.7 Vp-p, 75 ohms, non Sync on Green
HD: 1-5 Vp-p
VD: 1-5 Vp-p
PC audio input (minijack)

HDMI IN 6
Video: 1080i, 720p, 576p, 576i, 480p, 480i
Audio: Two channel linear PCM
32, 44.1 and 48 kHz, 16, 20 and 24 bits, or analogue audio input (phono jacks)

Headphones jack
CAM (Conditional Access Module) slot

### Sound Output

KDL-40U2000: 10 W + 10 W (RMS)
KDL-32U2000: 10 W + 10 W (RMS)
KDL-26U2000: 10 W + 10 W (RMS)

### Supplied Accessories

Refer to "1: Checking the accessories" on page 4.

### Optional Accessories

- Wall-Mount Bracket
  SU-WL51 (for KDL-40U2000)
  SU-WL31 (for KDL-32U2000 / KDL-26U2000)

Design and specifications are subject to change without notice.

### PC Input Signal Reference Chart

| Signals | Horizontal (Pixel) | Vertical (Line) | Horizontal frequency (kHz) | Vertical frequency (Hz) | Standard |
|---|---|---|---|---|---|
| VGA | 640 | 480 | 31.5 | 60 | VGA |
| SVGA | 800 | 600 | 37.9 | 60 | VESA Guidelines |
| XGA | 1024 | 768 | 48.4 | 60 | VESA Guidelines |
| WXGA | 1280 | 768 | 47.4 | 60 | VESA |
| | 1280 | 768 | 47.8 | 60 | VESA |

- This TV's PC input does not support Sync on Green or Composite Sync.
- This TV's PC input does not support interlaced signals.
- This TV's PC input supports signals in the above chart with a 60 Hz vertical frequency. For other signals, you will see the message "NO SYNC".

# Troubleshooting

Check whether the ⏻ (standby) indicator is flashing in red.

**When it is flashing**

The self-diagnosis function is activated.

1 Measure how long the ⏻ (standby) indicator flashes and stops flashing.
For example, the indicator flashes for two seconds, stops flashing for one second, and flashes for two seconds.

2 Press ⏻ on the TV (top side) to switch it off, disconnect the mains lead, and inform your dealer or Sony service centre of how the indicator flashes (duration and interval).

**When it is not flashing**

1 Check the items in the tables below.

2 If the problem still persists, have your TV serviced by qualified service personnel.

## Picture

| Problem | Cause/Remedy |
|---|---|
| No picture (screen is dark) and no sound | • Check the aerial connection.<br>• Connect the TV to the mains, and press ⏻ on the TV (top side).<br>• If the ⏻ (standby) indicator lights up in red, press I/⏻. |
| No picture or no menu information from equipment connected to the scarts or HDMI IN socket | • Check that the optional equipment is on and press →/⊕ repeatedly until the correct input symbol is displayed on the screen.<br>• Check the connection between the optional equipment and the TV.<br>• When connecting any equipment to the HDMI IN 6 socket or when changing the resolution, some dots can appear blinking on the screen for a few seconds. HDMI signal decoding is in progress and it does not indicate a malfunction. |
| Double images or ghosting | • Check aerial/cable connections.<br>• Check the aerial location and direction. |
| Only snow and noise appear on the screen | • Check if the aerial is broken or bent.<br>• Check if the aerial has reached the end of its serviceable life (three to five years in normal use, one to two years at the seaside). |
| Distorted picture (dotted lines or stripes) | • Keep the TV away from electrical noise sources such as cars, motorcycles, hair-dryers or optical equipment.<br>• When installing optional equipment, leave some space between the optional equipment and the TV.<br>• Make sure that the aerial is connected using the supplied coaxial cable.<br>• Keep the aerial cable away from other connecting cables. |
| Picture noise when viewing a TV channel | • Select "Manual Programme Preset" in the "Set-Up" menu and adjust "AFT" (Automatic Fine Tuning) to obtain better picture reception (page 26). |
| Some tiny black points and/or bright points on the screen | • The picture of a display unit is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction. |
| No colour on programmes | • Select "Reset" in the "Picture Adjustment" menu to return to the factory settings (page 20). |
| No colour or irregular colour when viewing a signal from the Y, PB/CB, PR/CR jacks of →3 | • Check the connection of the Y, PB/CB, PR/CR jacks of →3.<br>• Make sure that the Y, PB/CB, PR/CR jacks of →3 are firmly seated in their respective sockets. |

## Sound

| Problem | Cause/Remedy |
|---|---|
| No sound, but good picture | • Press +/– or (Mute).<br>• Check that "TV Speakers" is set to "On" in the "Sound Adjustment" menu (page 22). |
| Noisy sound | • See the "Picture noise" causes/remedies on page 34. |

## Channels

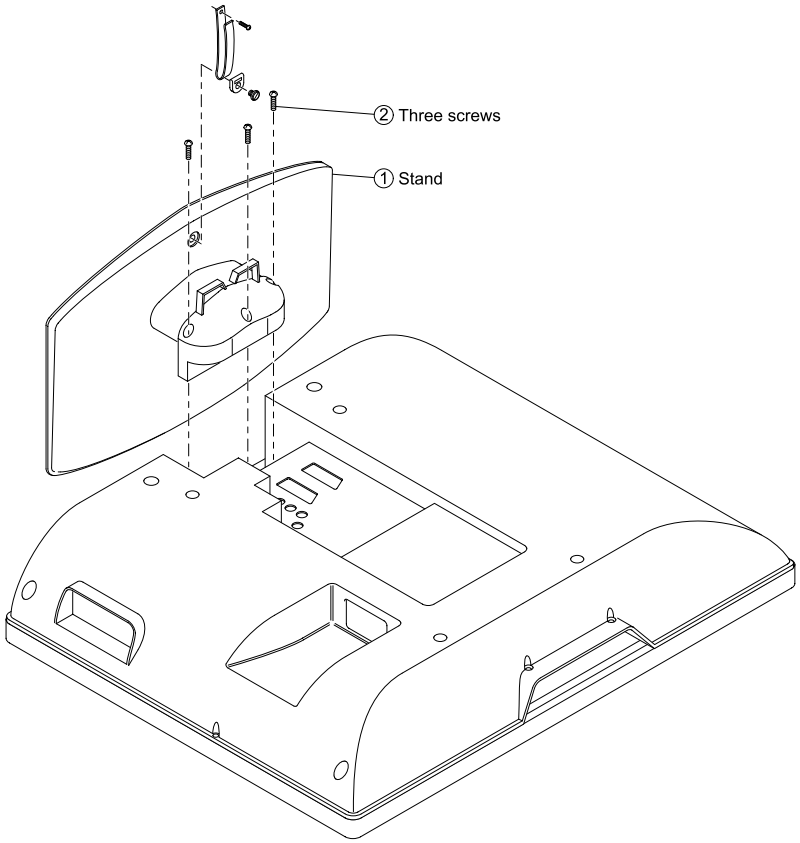
| Problem | Cause/Remedy |
|---|---|
| The desired channel cannot be selected | • Switch between digital and analogue mode and select the desired digital/analogue channel. |
| Some channels are blank | • Scrambled/Subscription only channel. Subscribe to the Pay Per View service.<br>• Channel is used only for data (no picture or sound).<br>• Contact the broadcaster for transmission details. |
| Digital channel is not displayed | • Check that the aerial is plugged directly into the TV (not through other equipment).<br>• Contact a local installer to find out if digital transmissions are provided in your area.<br>• Upgrade to a higher gain aerial. |

## General

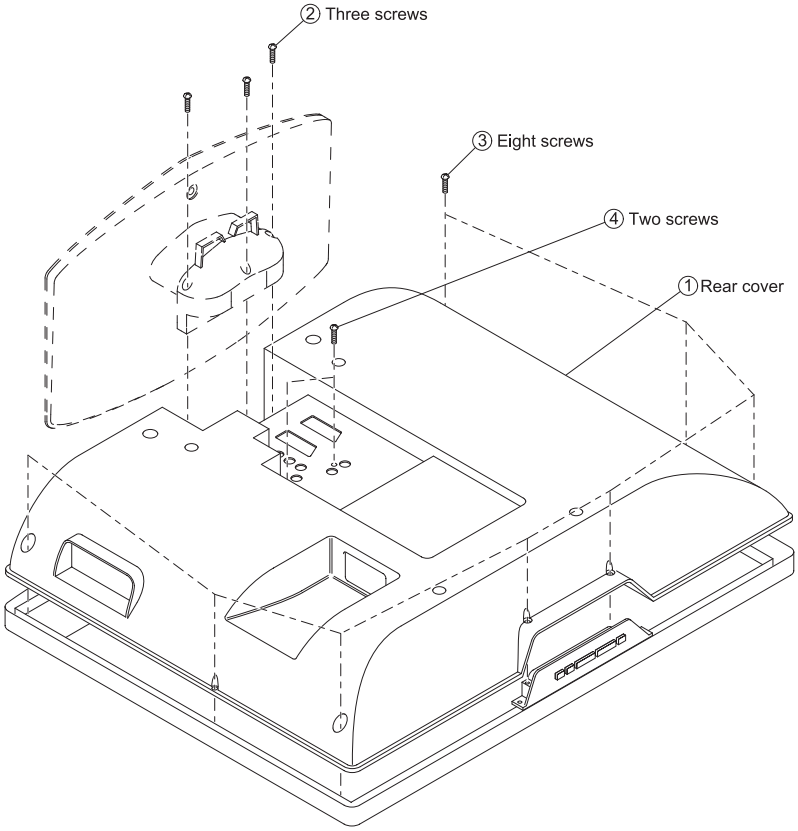
| Problem | Cause/Remedy |
|---|---|
| The TV turns off automatically (the TV enters standby mode) | • Check if the "Sleep Timer" is activated, or confirm the setting of "Off Time" (page 24).<br>• If no signal is received and no operation is performed in the TV mode for 10 minutes, the TV automatically switches to standby mode. |
| The TV turns on automatically | • Check if the "On Time" is activated (page 24). |
| Some input sources cannot be selected | • Select "AV Preset" in the "Set-up" menu and cancel "Skip" of the input source (page 25). |
| The remote does not function | • Replace the batteries. |

# SECTION 2 DISASSEMBLY

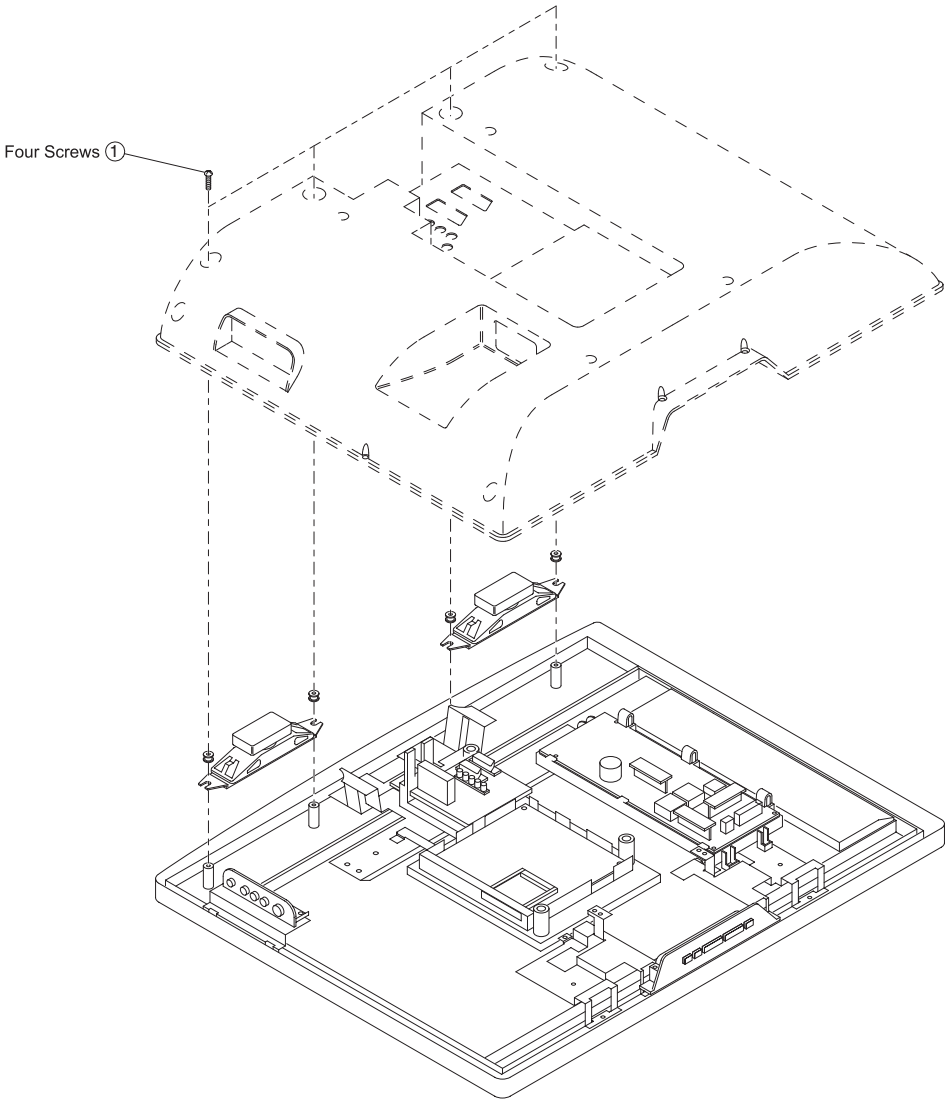
## 2-1. STAND REMOVAL



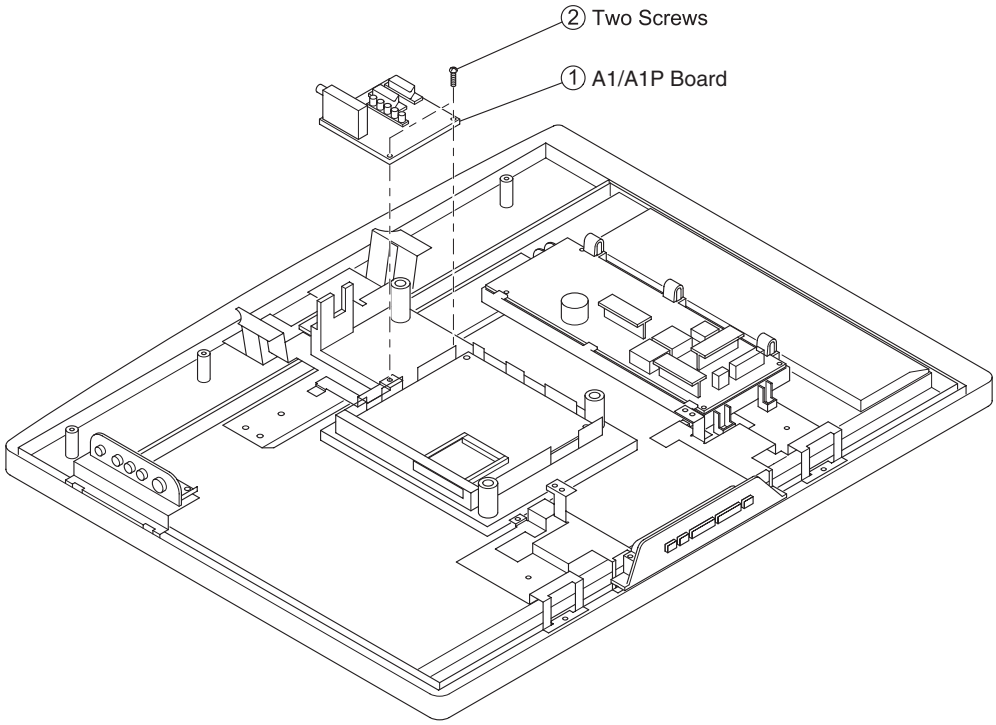

## 2-2. REAR COVER REMOVAL



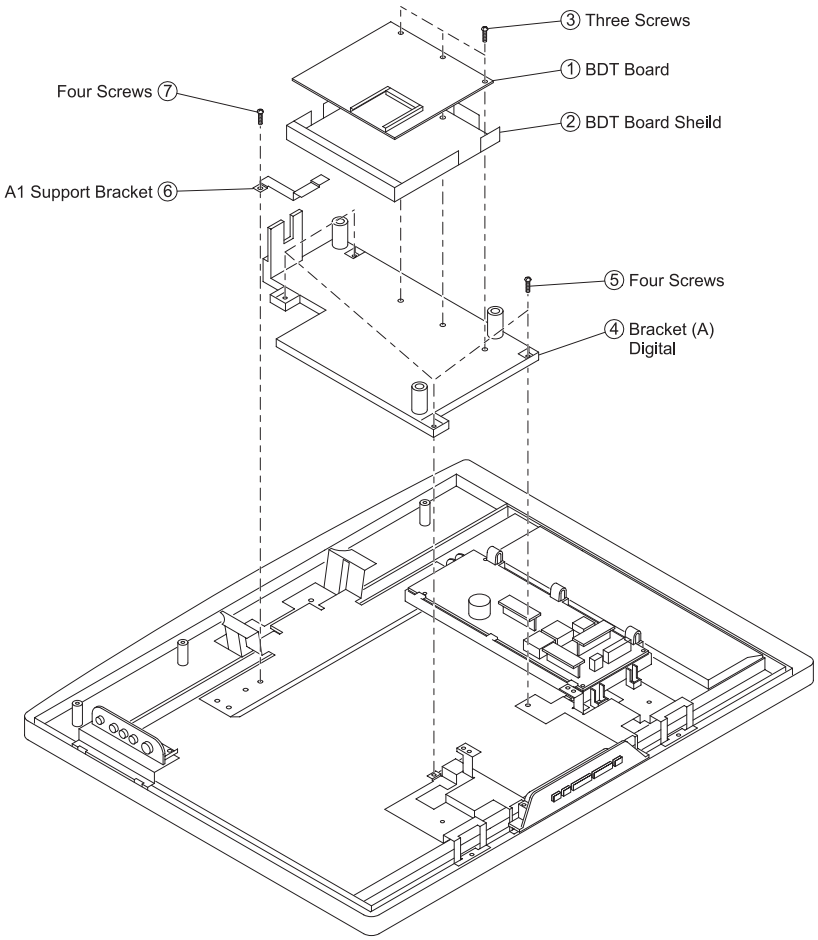
## 2-3. SPEAKER REMOVAL



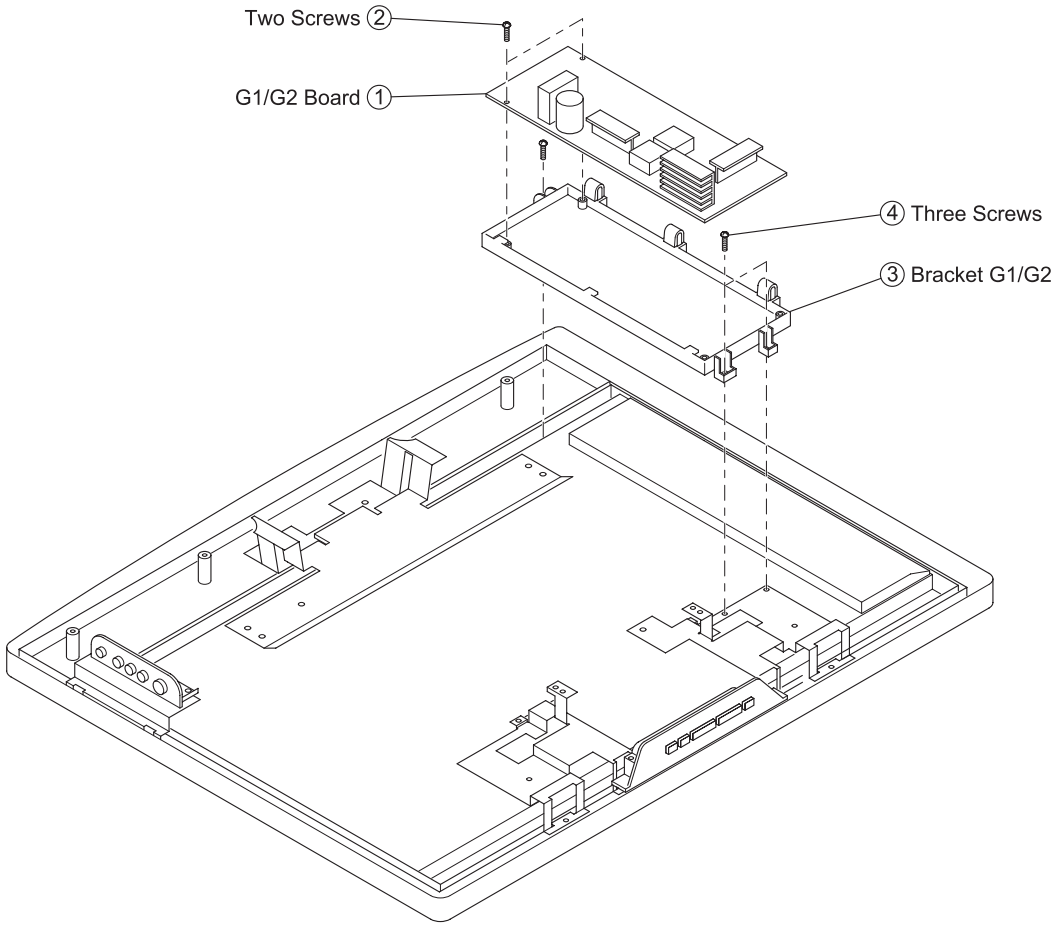

## 2-4. A1/A1P BOARD REMOVAL



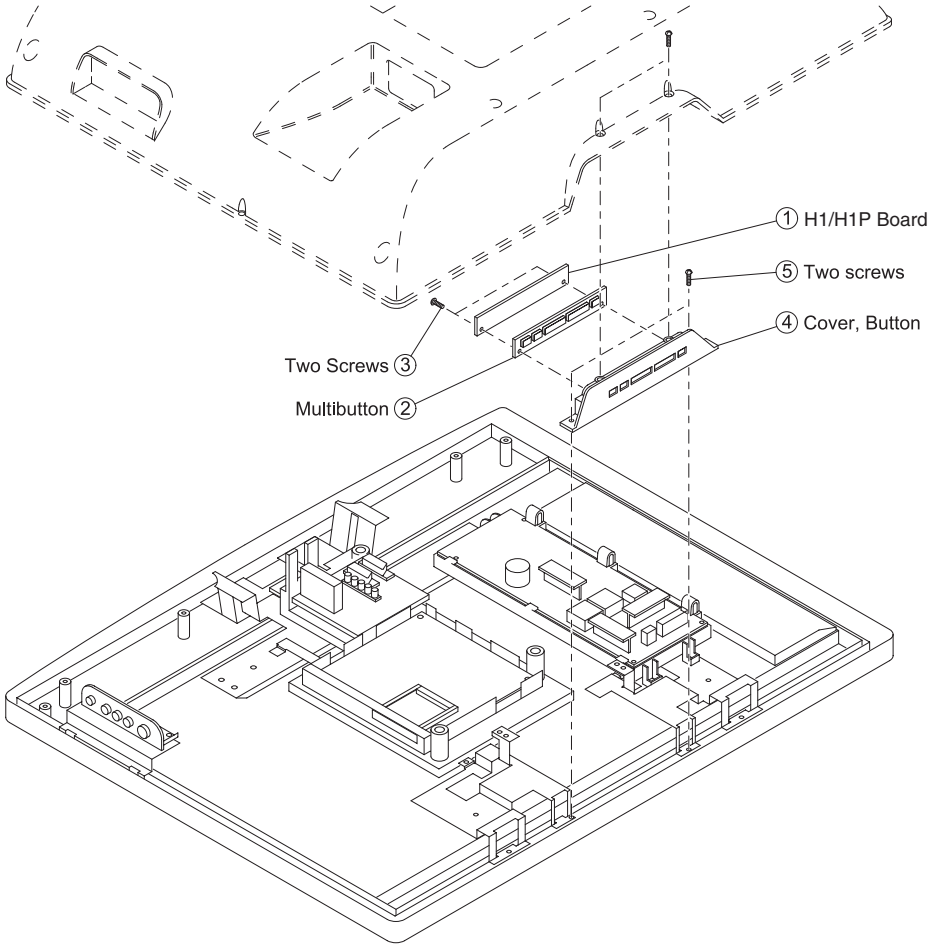
## 2-5. BDT BOARD REMOVAL



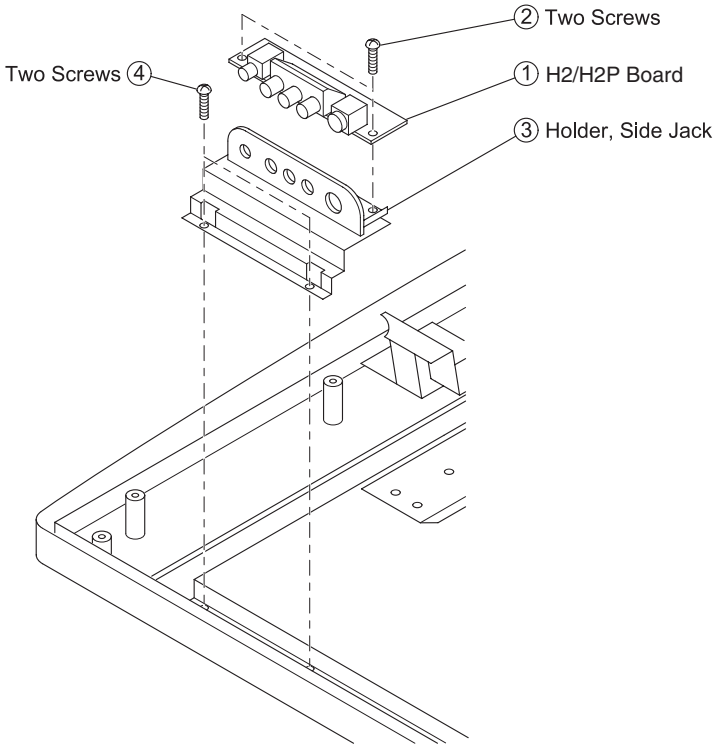

## 2-6. G1/G2 BOARD REMOVAL



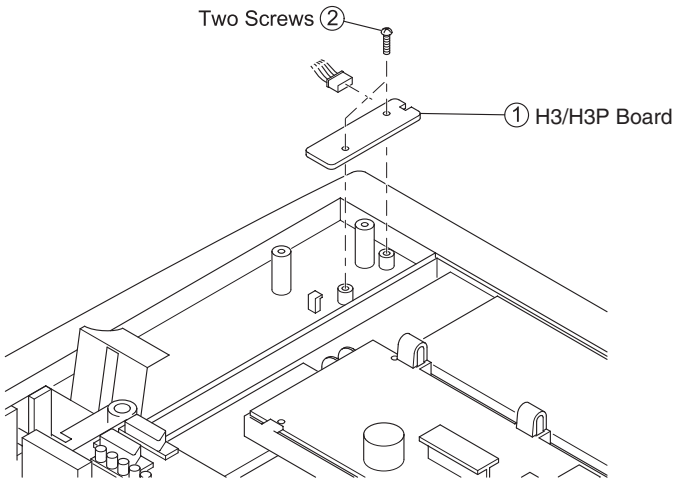
## 2-7. H1/H1P BOARD REMOVAL



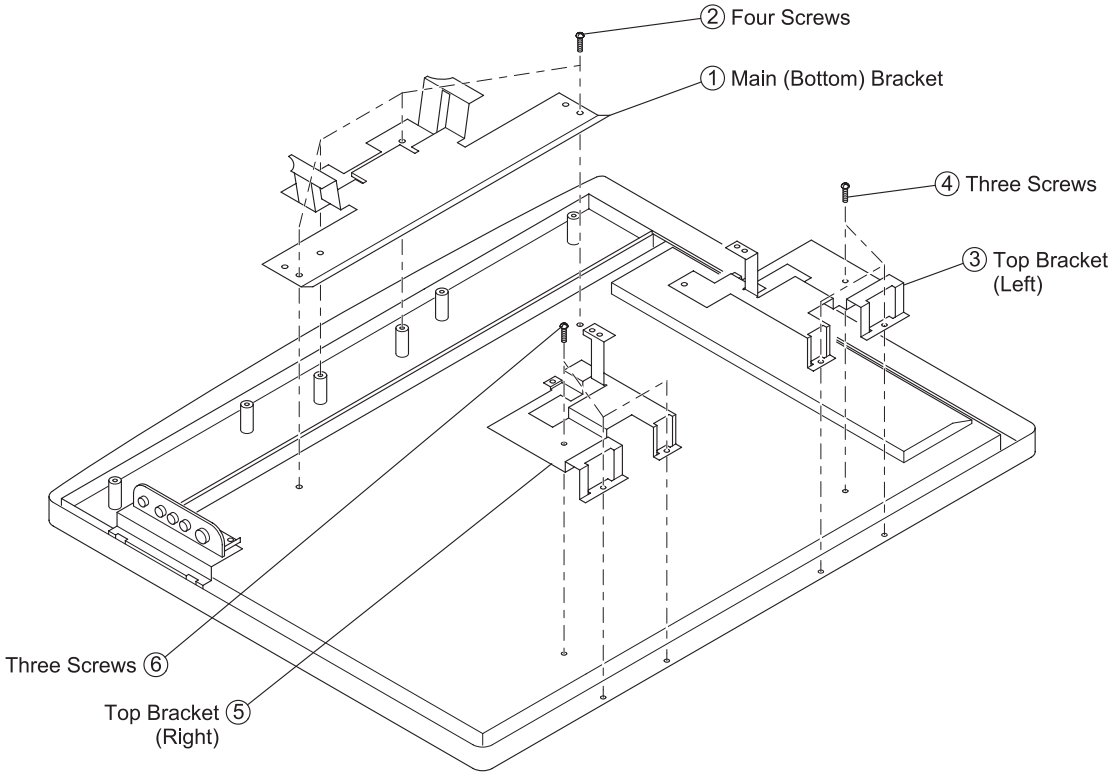

## 2-8. H2/H2P BOARD REMOVAL



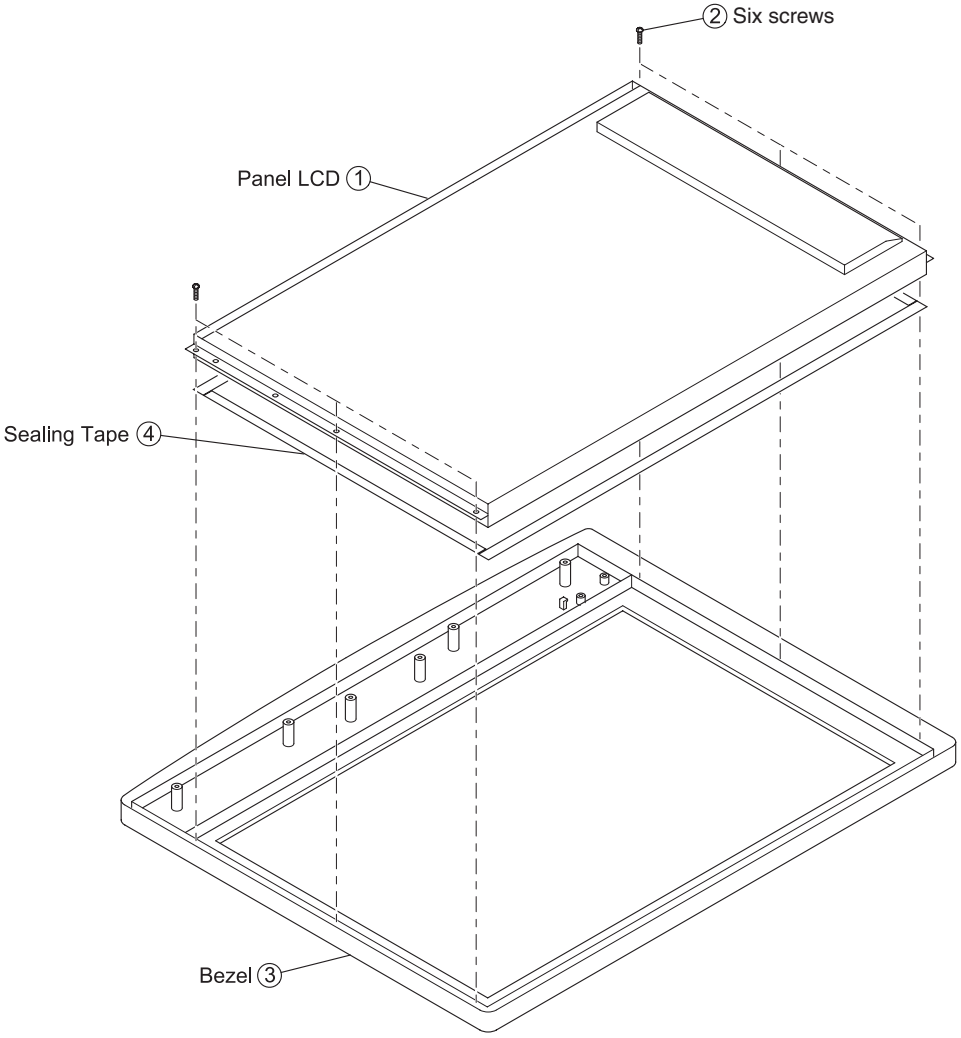
## 2-9. H3/H3P BOARD REMOVAL




## 2-10. BRACKET REMOVAL



## 2-11. LCD PANEL REMOVAL



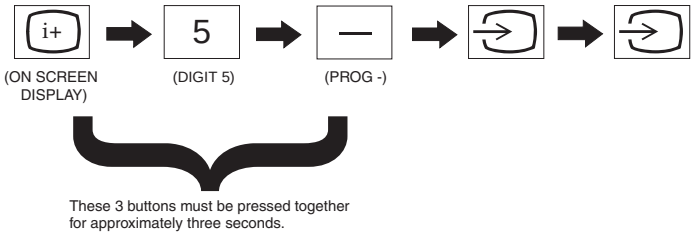
# SECTION 3 CIRCUIT ADJUSTMENTS

## 3-1. Electrical Adjustments

Service adjustments to this model can be performed using the supplied remote Commander RM-ED007.

### How to enter into the Service Mode

1. Turn on the main power switch.
2. Press the following sequence of buttons on the Remote Commander.




'TT—' will appear in the upper right corner of the screen. Other status information will also be displayed (See 3-3 Page 26).

3. Press 'MENU' on the remote commander to obtain the following menu on the screen.

```
BACKLIGHT
HDMI
SOUND
IF ADJUST
SERVICE MENU
ERROR MENU

SE1  v0.18  Mar06
FACTORY DATA: 11111111
SERIAL NUMBER: 4294967295a
WORKING TIME: 3:50
```

4. Move to the corresponding adjustment item using the up or down arrow buttons on the Remote Commander.
5. Press the right arrow button to enter into the required menu item.
6. Press the 'Menu' button on the Remote Commander to quit the Service Mode when all adjustments have been completed.

**Note :**

- After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON.

**BACKLIGHT**

| | | |
|---|---|---|
| BACKLIGHT | (0, 255) | 160 |
| U BACKLIGHT | (0, 10) | 10 |
| BL SETUDEN | (0, 255) | 28 |
| BL BOTTOM | (0, 255) | 28 |
| ECO MODE | (0, 1) | 1 |
| DIMMER | (0, 255) | 160 |

**HDMI**

| | | |
|---|---|---|
| Version | (0, 255) | 36 |
| Video Mode | (0, 255) | 10 |
| VAI2 | (0, 255) | 0 |
| VAI3 | (0, 255) | 0 |
| TRA_CAL | (0, 255) | 24 |
| Vper MSB | (0, 255) | 0 |
| Vper ISB | (0, 255) | 0 |
| Hper MSB | (0, 255) | 0 |
| HS Width MSB | (0, 255) | 0 |
| STM LSB | (0, 255) | 48 |
| Ri (MSB) | (0, 255) | 205 |
| Ri (LSB) | (0, 255) | 69 |
| Aksv_0 | (0, 255) | 0 |
| Aksv_1 | (0, 255) | 0 |
| Aksv_2 | (0, 255) | 0 |
| Aksv_3 | (0, 255) | 0 |
| Aksv_4 | (0, 255) | 0 |
| An_0 | (0, 255) | 0 |
| An_1 | (0, 255) | 0 |
| An_2 | (0, 255) | 0 |
| An_3 | (0, 255) | 0 |
| An_4 | (0, 255) | 0 |
| An_5 | (0, 255) | 0 |
| An_6 | (0, 255) | 0 |
| An_7 | (0, 255) | 0 |
| Pj | (0, 255) | 220 |
| Ainfo | (0, 255) | 0 |
| Flags | (0, 255) | 20 |
| AVI Type | (0, 255) | 0 |
| AVI Version | (0, 255) | 0 |
| AVI Length | (0, 255) | 0 |
| AVI Checksum | (0, 255) | 0 |
| AVI Byte1 | (0, 255) | 0 |
| AVI Byte2 | (0, 255) | 0 |
| AVI Byte3 | (0, 255) | 0 |
| AVI Byte4 | (0, 255) | 0 |
| AVI Byte5 | (0, 255) | 0 |
| AVI Byte6 | (0, 255) | 0 |
| AVI Byte7 | (0, 255) | 0 |
| AVI Byte8 | (0, 255) | 0 |
| AVI Byte9 | (0, 255) | 0 |
| AVI Byte10 | (0, 255) | 0 |
| AVI Byte11 | (0, 255) | 0 |
| AVI Byte12 | (0, 255) | 0 |
| AVI Byte13 | (0, 255) | 0 |

**SOUND**

| | | | |
|---|---|---|---|
| M-N | (0, 511) | | 192 |
| M-D | (-128, -1) | | -20 |
| M-S | (+0, +127) | | +20 |
| S-M | (+0, +127) | | +10 |
| D-M | (-128, -1) | | -10 |
| N-M | (0, 1023) | | 496 |
| Effect Mode | (+0, +2) | | +2 |
| BBE Mode | (-0, +127) | | +0 |
| BBE Vol main | (+0, +255) | | +6 |
| BBE Vol res | (+0, +7) | | +3 |
| B1 | (-96, +96) | | +0 |
| B2 | (-96, +96) | | +8 |
| B3 | (-96, +96) | | +7 |
| B4 | (-96, +96) | | +8 |
| B5 | (-96, +96) | | -28 |
| Loudness | (+0, +68) | | -11 |
| MB_STR | (+0, -127) | | +0 |
| MB_LIM | (-32, +0) | | +0 |
| MB_HMC | (+0, +127) | | -15 |
| MB_LP | (+5, +30) | | -24 |
| MB_HP | (+3, +30) | | -20 |
| SUBW_FREQ | (+5, +40) | | +30 |
| NICAM C AD | | 00000 | |
| NICAM Error | (0, 2047) | | 2047 |
| Stereo | (-128, +127) | | +0 |
| Status | | 0000000110 | |

**SERVICE MENU**

| | | |
|---|---|---|
| NORM_PAL_RD_H | (+0, +1) | +3 |
| NORM_PAL_RD_L | (+0, +255) | +0 |
| NORM_PAL_GD_H | (+0, +1) | +3 |
| NORM_PAL_GD_L | (+0, +255) | +0 |
| NORM_PAL_BD_H | (+0, +1) | +3 |
| NORM_PAL_BD_L | (+0, +255) | +0 |
| NORM_PAL_RC_H | (+0, +3) | +0 |
| NORM_PAL_RC_L | (+0, +255) | +0 |
| NORM_PAL_GC_H | (+0, +3) | +0 |
| NORM_PAL_GC_L | (+0, +255) | +0 |
| NORM_PAL_BC_H | (+0, +3) | +0 |
| NORM_PAL_BC_L | (+0, +255) | +0 |
| SECAM_OFF_RD | (-128, +128) | +0 |
| SECAM_OFF_GD | (-128, +128) | +0 |
| SECAM_OFF_BD | (-128, +128) | +0 |
| SECAM_OFF_RC | (-128, +128) | +0 |
| SECAM_OFF_GC | (-128, +128) | +0 |
| SECAM_OFF_BC | (-128, +128) | +0 |
| WARM_OFF_RD | (-128, +128) | +50 |
| WARM_OFF_GD | (-128, +128) | +0 |
| WARM_OFF_BD | (-128, +128) | -50 |
| WARM_OFF_RC | (-128, +128) | +0 |
| WARM_OFF_GC | (-128, +128) | +0 |
| WARM_OFF_BC | (-128, +128) | +0 |
| COOL_OFF_RD | (-128, +128) | -50 |
| COOL_OFF_GD | (-128, +128) | +0 |
| COOL_OFF_BD | (-128, +128) | +50 |
| COOL_OFF_RC | (-128, +128) | +0 |
| COOL_OFF_GC | (-128, +128) | +0 |
| COOL_OFF_BC | (-128, +128) | +0 |
| NTSC_OFF_RD | (-128, +128) | -1 |
| NTSC_OFF_GD | (-128, +128) | +0 |
| NTSC_OFF_BD | (-128, +128) | +0 |
| NTSC_OFF_RC | (-128, +128) | +0 |
| NTSC_OFF_GC | (-128, +128) | +0 |
| NTSC_OFF_BC | (-128, +128) | +0 |

**IF ADJUST**

| | | | |
|---|---|---|---|
| Automute | | 0 | |
| Audio Gain | | 0 | |
| L Gating | | 0 | |
| Coincidence | | 0 | |
| AFT window | | 1 | |
| AFT Status | | 0111 | |
| AGC TOP | (-16, +15) | | -5 |

**ERROR MENU**

| | | |
|---|---|---|
| E02: Reserved | (0, 255) | 0 |
| E03: DC Fail | (0, 255) | 0 |
| E04: PANEL DET | (0, 255) | 2 |
| E05: NVM | (0, 255) | 0 |
| E06: IIC | (0, 255) | 0 |
| E07: HDMI | (0, 255) | 2 |
| E08: DIGITAL | (0, 255) | 0 |
| E09: TUNER | (0, 255) | 0 |
| E10: SP | (0, 255) | 0 |
| E11: VCTP | (0, 255) | 0 |
| E12: PEXP | (0, 255) | 47 |
| E13: RTC | (0, 255) | 0 |
| WORKING TIME | | |
| HOURS | (0, 65535) | 4 |
| MINUTES | (0, 59) | 38 |

## 3-2. TEST MODE 2

Test Mode 2 is available by setting the TV for operation in Service Mode [ As shown on Page 23 ] , OSD 'TT' appears. The functions described below are available by selecting the two numbers. To release the 'Test mode 2', press 00, 10, 20 ... twice or switch the TV set into Stand-by mode. In 'TT Menu' mode, it is possible to remove the Menu from the screen by pressing the Speaker Off button once. Pressing the Speaker OFF button a second time will cause the Menu to reappear. The function is kept even when the menu is not displayed on screen !!.

| | |
|---|---|
| **00** | 'TT' mode off |
| **01** | Set picture level to maximum |
| **02** | Set picture level to minimum |
| **03** | Set volume to 35% |
| **04** | Set volume to 50% |
| **05** | Set volume to 65% |
| **06** | Set volume to 80% |
| **07** | Ageing mode on |
| **08** | Shipping Condition |
| **16** | Picture level 50% |
| **19** | Factory mode enable/disable |
| **24** | U Destination |
| **25** | AEP Destination |
| **27** | CBA mode toggle (ON/OFF) |
| **31** | ECS mode toggle (ON/OFF) |
| **32** | Set BCN channels preset |
| **33** | FILMODE toggle (ON/OFF) |
| **34** | Set INY channels preset |
| **35** | INSERT or SWAP sorting |
| **37** | Hotel mode |
| **38** | OTRUM mode |
| **39** | Enable Digital Test |
| **41** | Re-initialise NVM |
| **43** | Select Dual Sound A |
| **44** | Select Dual Sound B |
| **45** | Select Dual Sound Mono |
| **46** | Select Dual Sound Stereo |
| **48** | Set NVM as non-virgin |
| **49** | Set NVM as virgin |
| **51** | PAL autoadjustment |
| **52** | RGB autoadjustment |
| **53** | SECAM autoadjustment |
| **54** | Watchdog toggle |

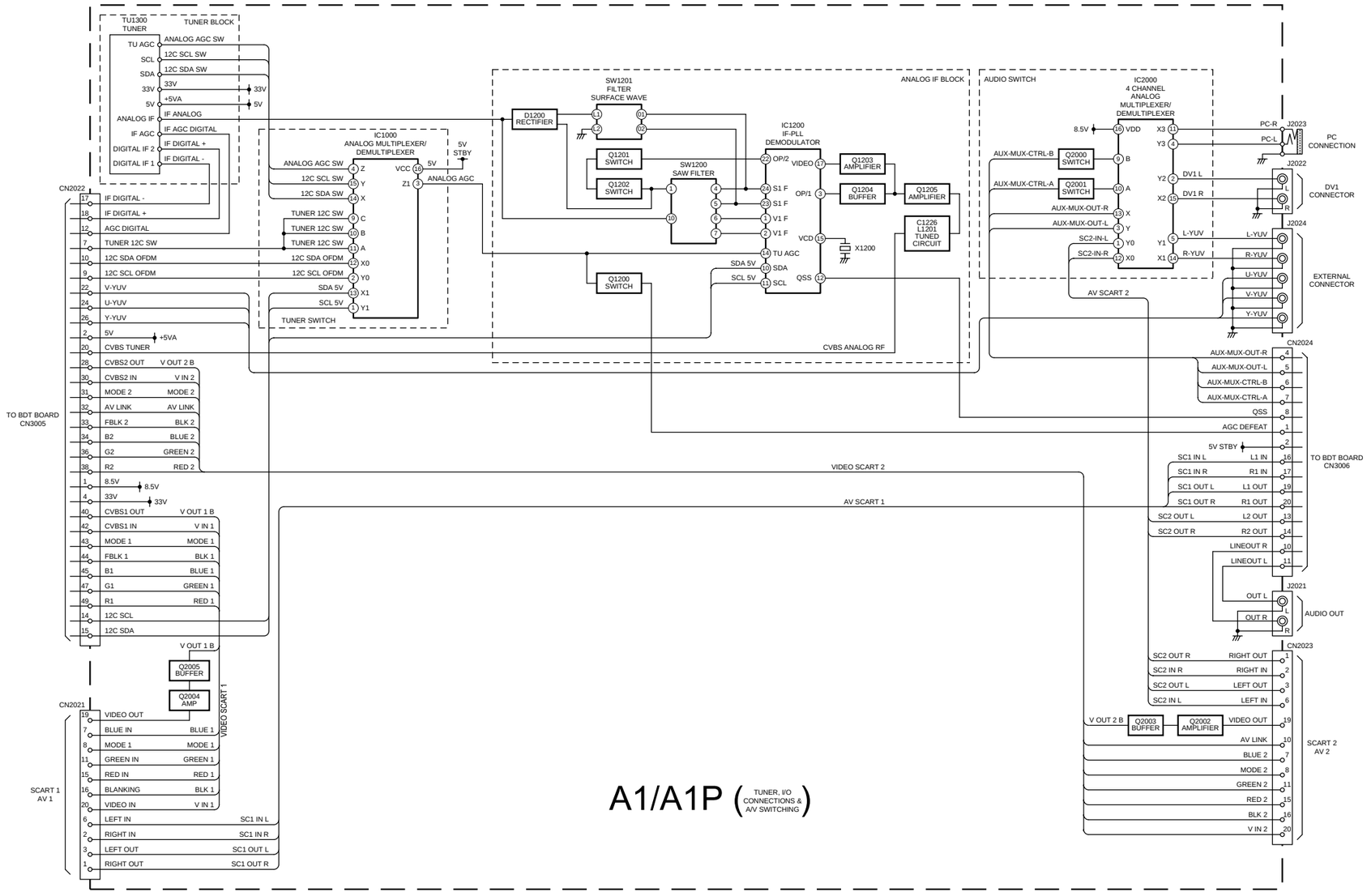
| | |
|---|---|
| **55** | Toggle tuner selection |
| **56** | Reset all channel attenuations |
| **58** | Chip select toggle |
| **59** | Visual I2C toggle |
| **61** | Auto AGC |
| **62** | Toggle digital mode flag |
| **63** | AM from baseband or from RF |
| **64** | Set 40" settings |
| **67** | MSP Auto Carrier Mute function enable/disable |
| **71** | Set 19" settings (Not Applicable) |
| **72** | Set 23" settings (Not Applicable) |
| **73** | Set 26" settings |
| **74** | Set 32" settings |
| **75** | Set centred balance |
| **76** | Set volume to max |
| **77** | Set volume to min |
| **78** | Set balance full left |
| **79** | Set balance full right |
| **81** | Digital BER display |
| **82** | Digital Service menu |
| **83** | Digital colour bar output from DENC |
| **84** | TS CI path through |
| **85** | Digital tuner power down |
| **86** | Switch between two digital SW banks |
| **87** | Local keys test |
| **88** | Digital shipping conditions |
| **89** | LED test |
| **92** | PC Monitor mode |
| **93** | I2S / Analogue audio used for Digital sound |
| **96** | Digital debug output: enable/disable |
| **97** | Digital 656 output: enable/disable |
| **98** | Digital Auto Reset function: enable/disable |
| **99** | Display Error and Working Time menu |

## 3-3. TT OSD Labels

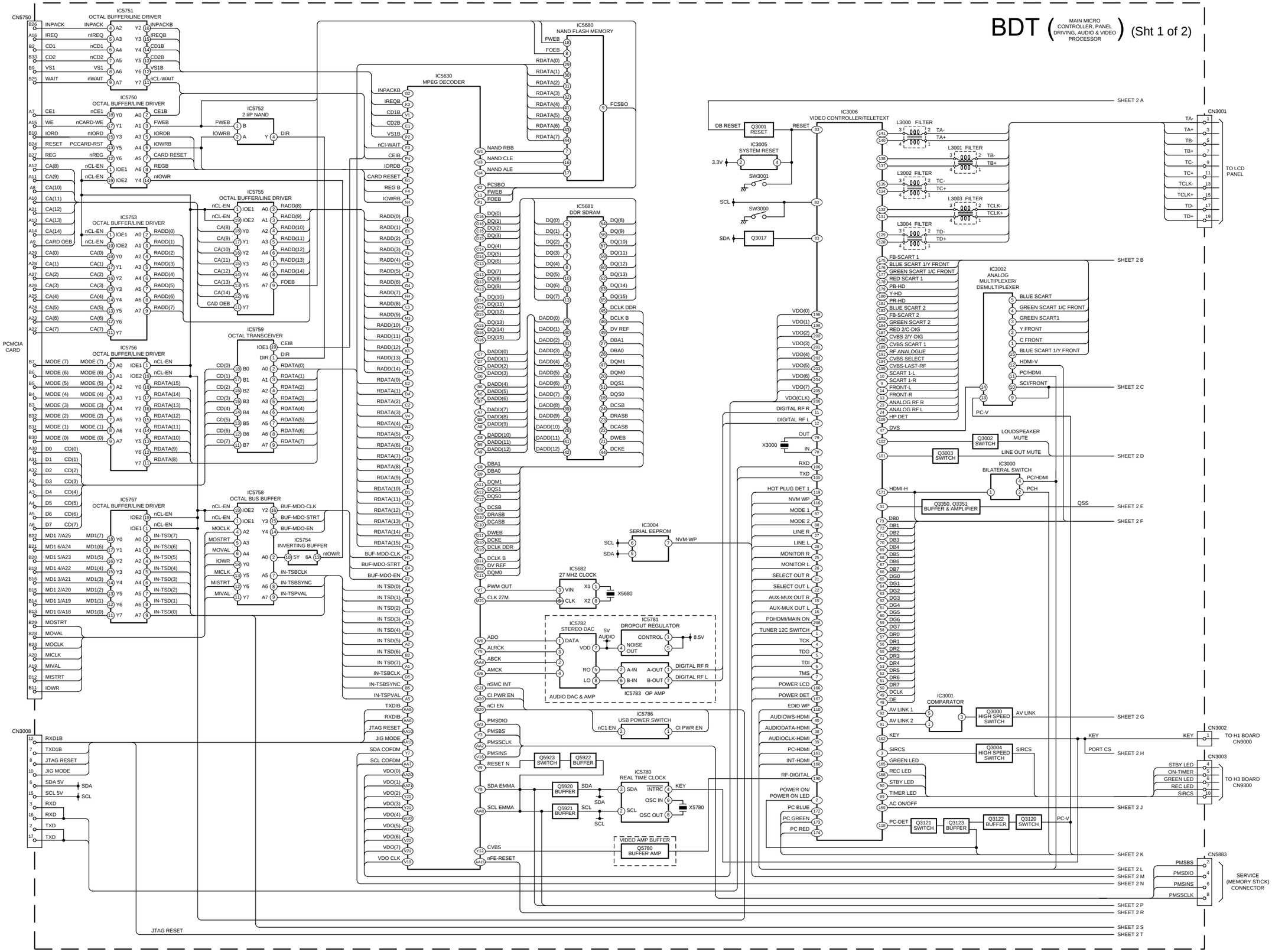
| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (1) | 3 | 2 | | A | E | P | (2) | | | (3) | T | T | - | - | | |
| (4) | E | C | S | | (5) | C | B | A | | | | (6) | N | o | r | m | | |
| (7) | D | D | C | | (8) | E | | | O | H | D | C | M | S | | | | |
| | | | | | | | | | (9) | (10) | (11) | (12) | (13) | (14) | | | | |
| | C | L | K | | - | W | | | C | V | | | | | | | | |
| | | | | | (15) | (16) | | | (17) | (18) | | | | | | | | |

1. Model configuration.
2. Model destination.
3. Command prompt.
4. ECS enabled/disabled (TT31).
5. CBA is shown when the TV set is in CBA mode (This mode is available from Factory mode).
6. Normal or Factory mode (TT19).
7. DDC enabled/disabled (TT65).
8. E is shown when EDID WP is enabled; - is shown otherwise (TT66).
9. O is shown when OTRUM is enabled; - is shown otherwise (TT38).
10. H is shown when Hotel mode is enabled; - is shown otherwise (TT37).
11. D is shown when Digital mode is enabled; A is shown when Analogue mode is enabled (TT62).
12. C (Default value) is shown when MSP Auto Carrier Mute function is enabled; - is shown otherwise.
13. M (Default value) is shown when AM sound is demodulated in MSP; A is shown when AFRIC demodulator is used.
14. S is shown when a SONY tuner is selected; P is shown when a PHILIPS tuner is selected (TT55).
15. V is shown when Visual I2C is enabled; - is shown otherwise (TT55).
16. W is shown when Watchdog is enabled; - is shown otherwise (TT55).
17. C is shown when Chip Select is enabled; - is shown otherwise (TT55).
18. V is shown when Visual I2C is enabled; - is shown otherwise (TT55).

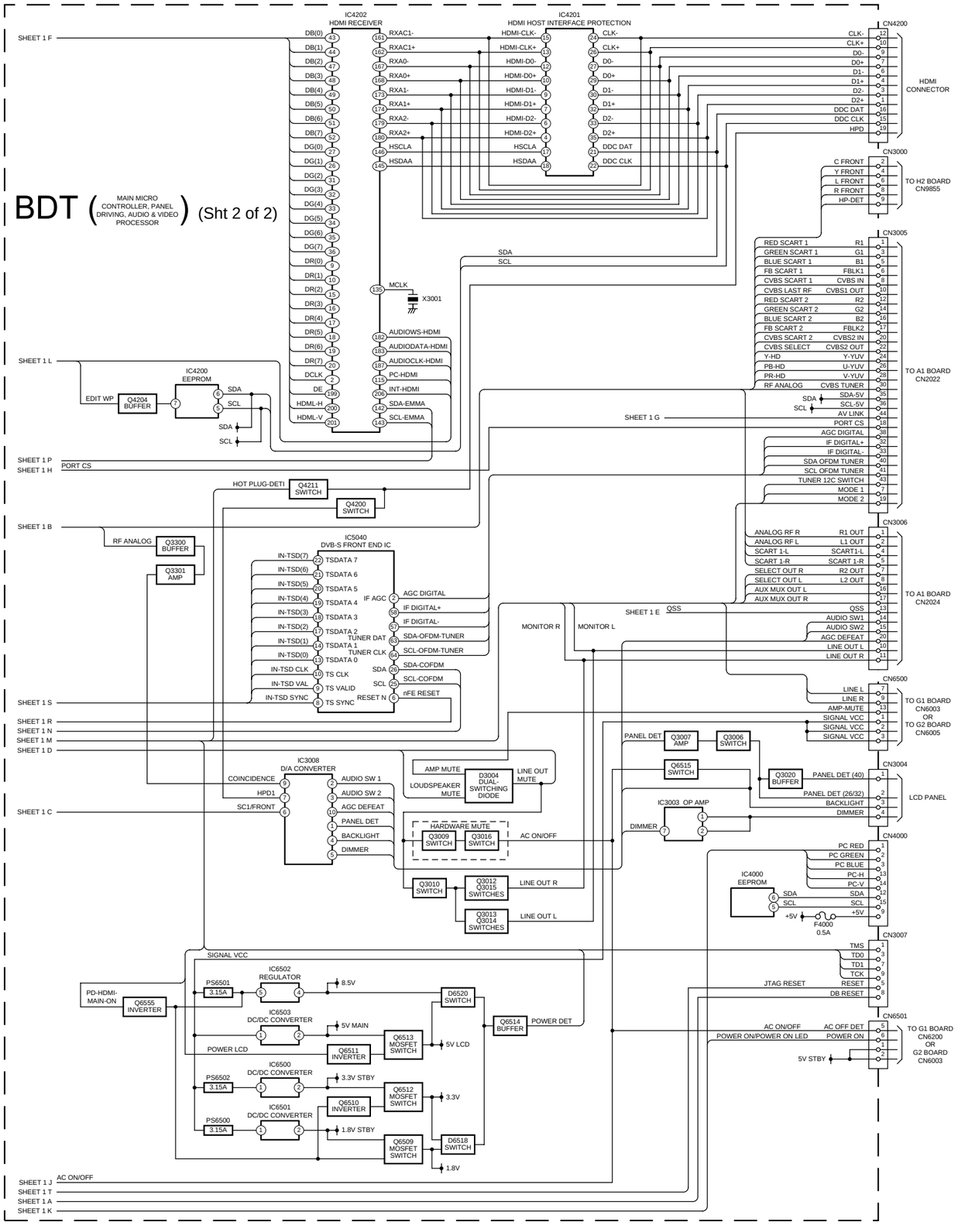
## 4-1. BLOCK DIAGRAMS (1)



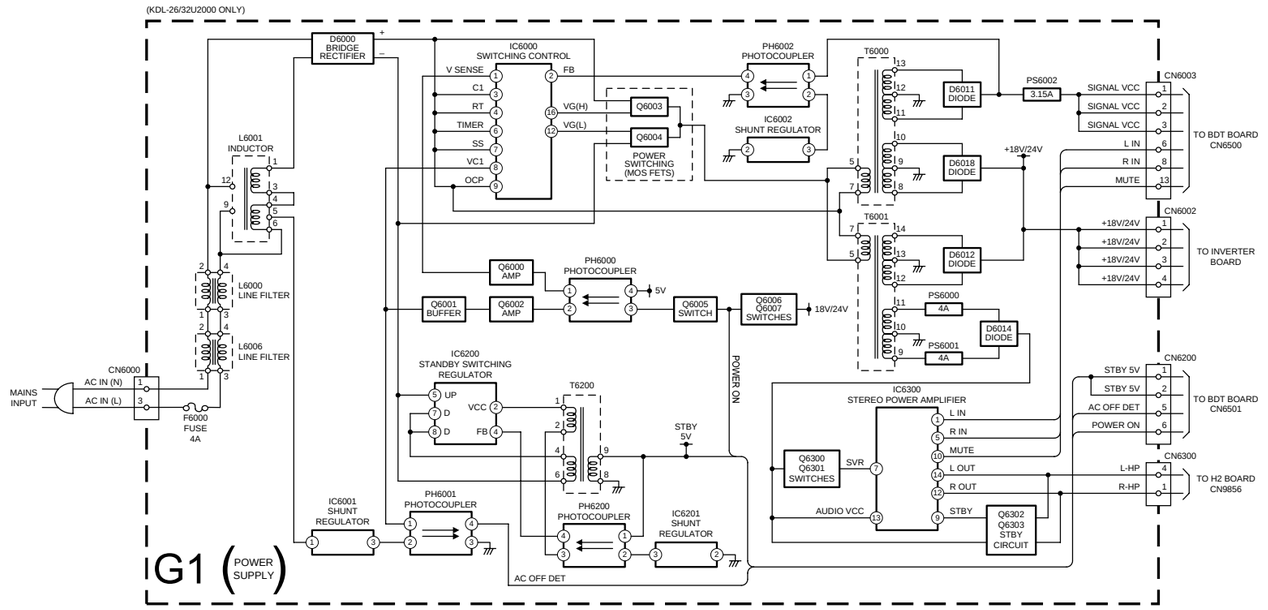
## 4-1. BLOCK DIAGRAMS (2)

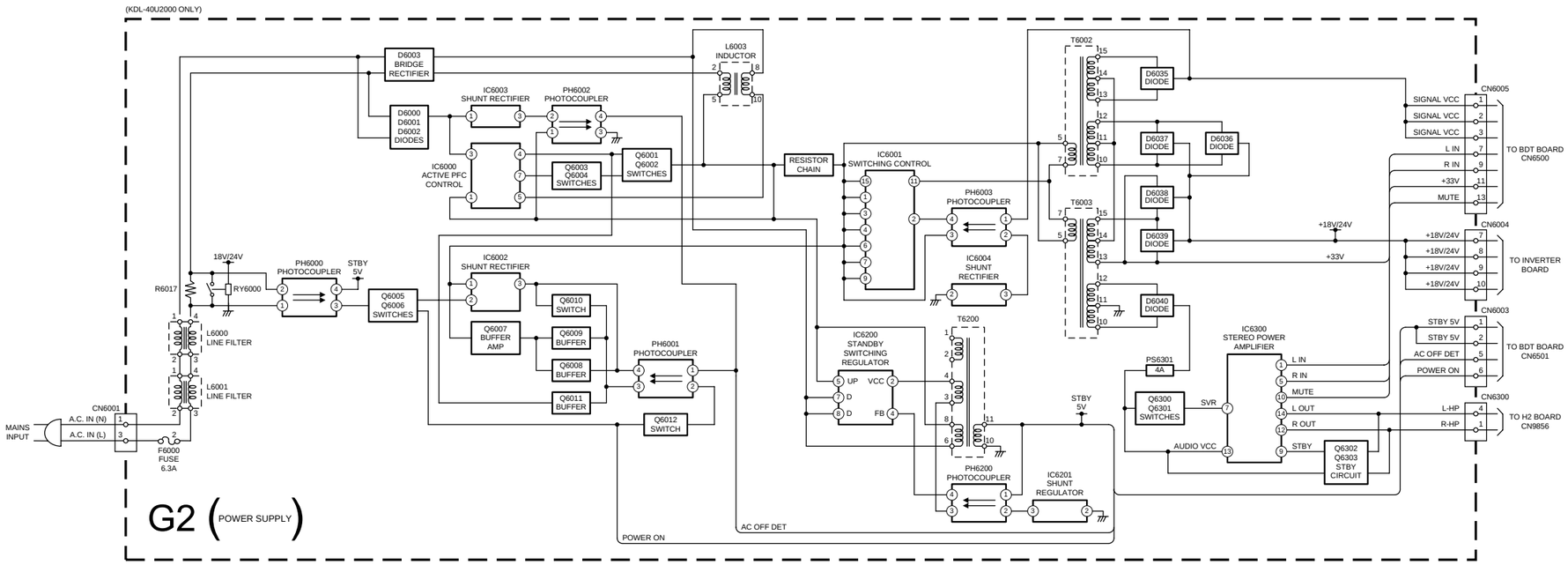


## 4-1. BLOCK DIAGRAMS (3)

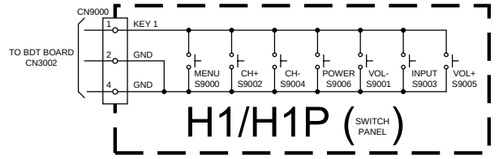


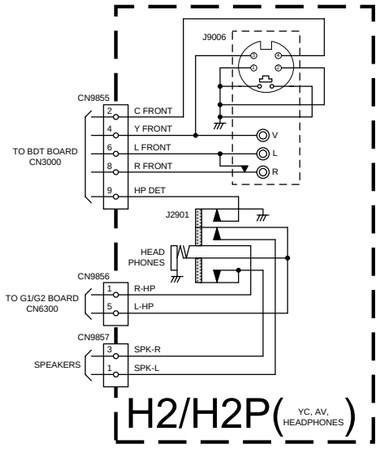
## 4-1. BLOCK DIAGRAMS (4)

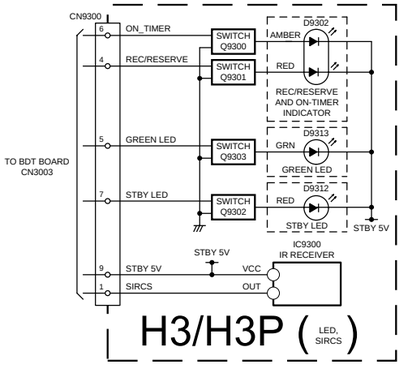


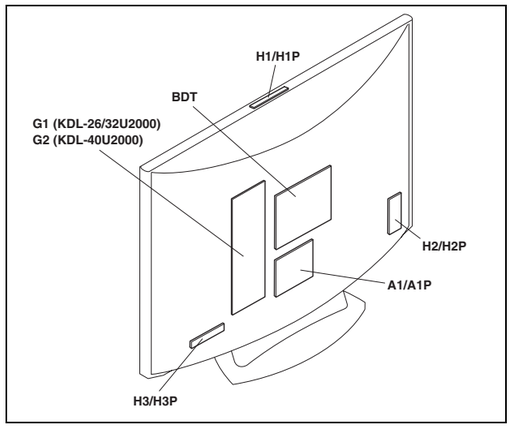
## 4-1. BLOCK DIAGRAMS (5)




## 4-2. CIRCUIT BOARD LOCATION




## 4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

**Note :**

- All capacitors are in µF unless otherwise noted.
- pF : µµF 50WV or less are not indicated except for electrolytic types.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

| |
|---|
| Pitch : 5mm<br>Electrical power rating : 1/4W |

- Chip resistors are 1/10W
- All resistors are in ohms.
  k = 1000 ohms, M = 1000,000 ohms
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.
- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

**Reference Information**

| | | |
|---|---|---|
| **RESISTOR** | **RN** | : METAL FILM |
| | **RC** | : SOLID |
| | **FPRD** | : NON FLAMMABLE CARBON |
| | **FUSE** | : NON FLAMMABLE FUSIBLE |
| | **RS** | : NON FLAMMABLE METAL OXIDE |
| | **RB** | : NON FLAMMABLE CEMENT |
| | **RW** | : NON FLAMMABLE WIREWOUND |
| | | : ADJUSTMENT RESISTOR |
| **COIL** | **LF-8L** | : MICRO INDUCTOR |
| **CAPACITOR** | **TA** | : TANTALUM |
| | **PS** | : STYROL |
| | **PP** | : POLYPROPYLENE |
| | **PT** | : MYLAR |
| | **MPS** | : METALIZED POLYESTER |
| | **MPP** | : METALIZED POLYPROPYLENE |
| | **ALB** | : BIPOLAR |
| | **ALT** | : HIGH TEMPERATURE |
| | **ALR** | : HIGH RIPPLE |

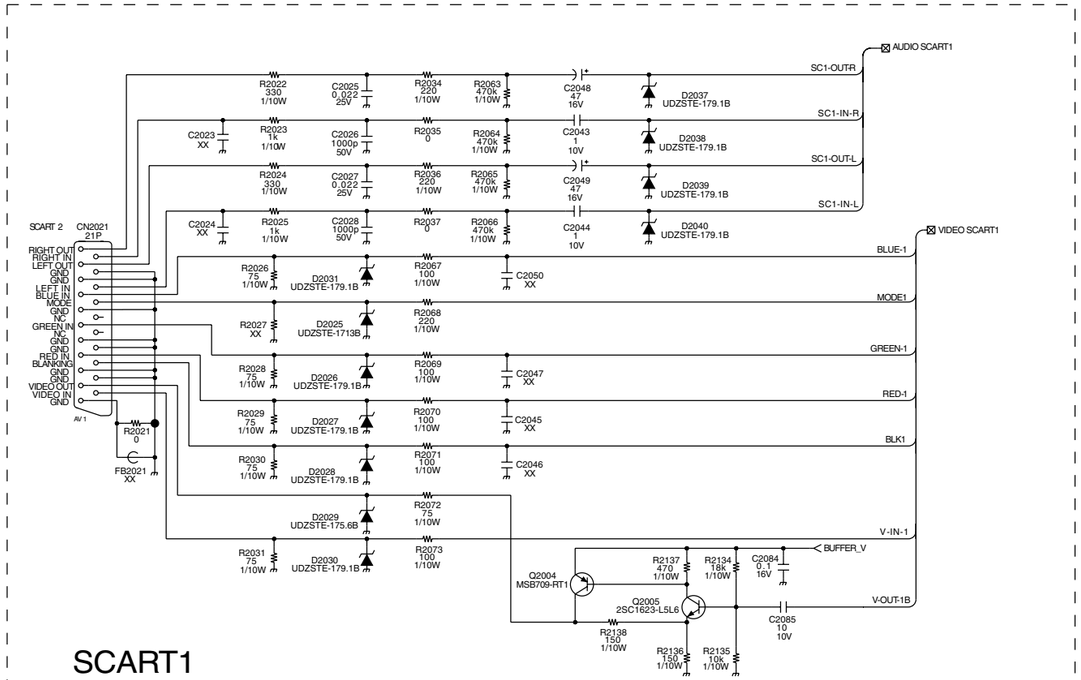
**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

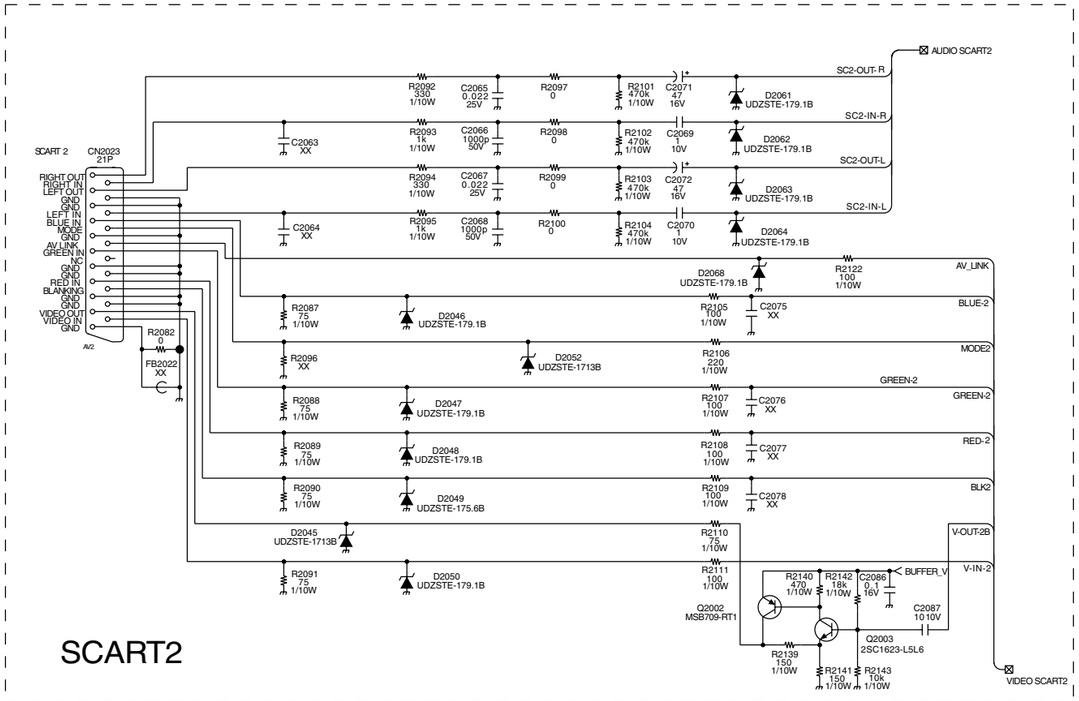
**Note :** Les composants identifiés par une trame et par une marque ⚠ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié. specified.

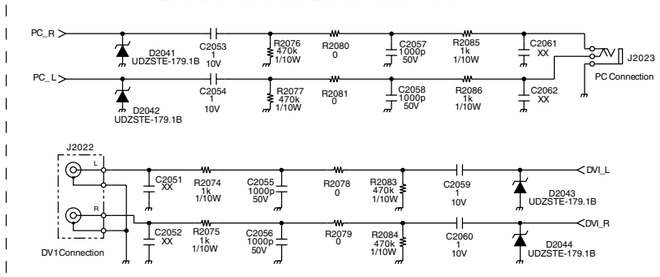
**Note :**

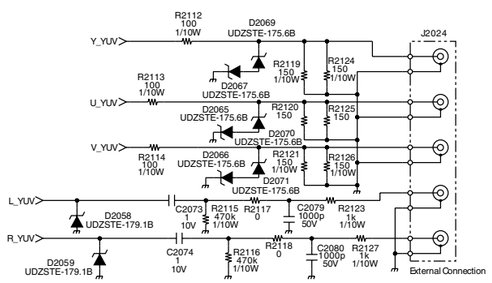
- CVBS and RGB waveforms are measured using a PAL colour bar input to Scart1. Y, U, V waveforms are measured using a PAL colour bar input to component sockets (Y, Pb/Cb, Pr/Cr).

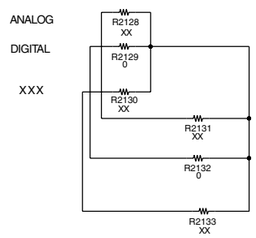
A1.-SE-1(KDL-26/32U2000) / A1P.-SE-1(KDL-40U2000)

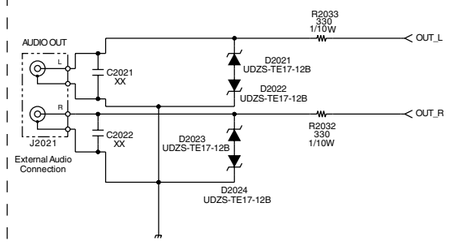



A1/A1P 1/3 TUNER, I/O CONNECTORS & A/V SWITCHING

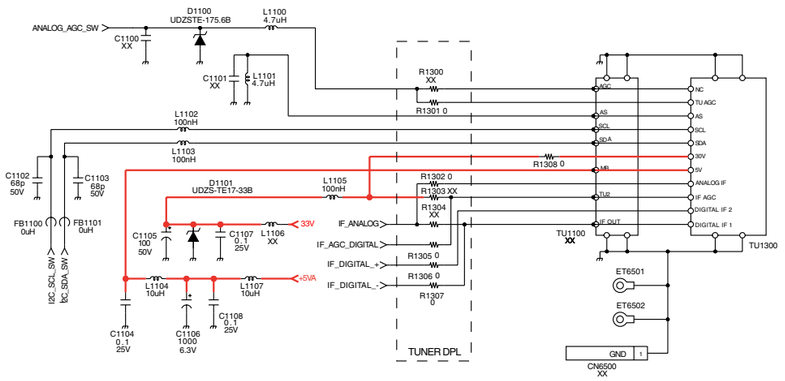
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ A1/A1P Board Schematic Diagram [ Tuner, I/O Connectors & A/V Switching ] Page 1/3 ~**

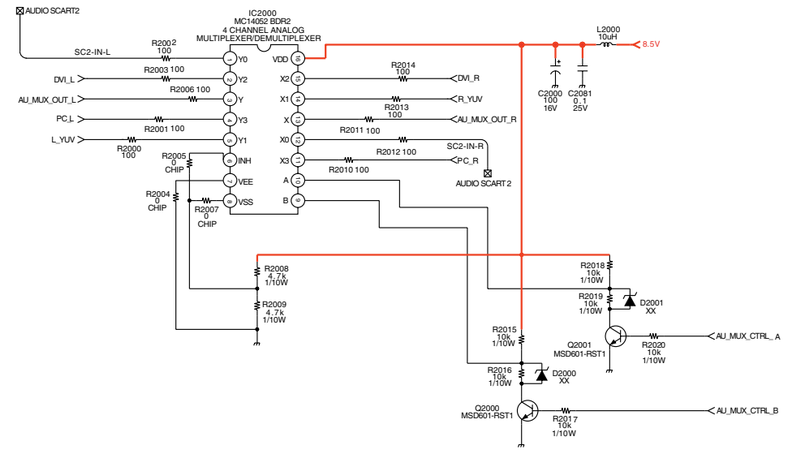
A1,-SE-1(KDL-26/32U2000) / A1P,-SE-1(KDL-40U2000)

## A1/A1P 2/3

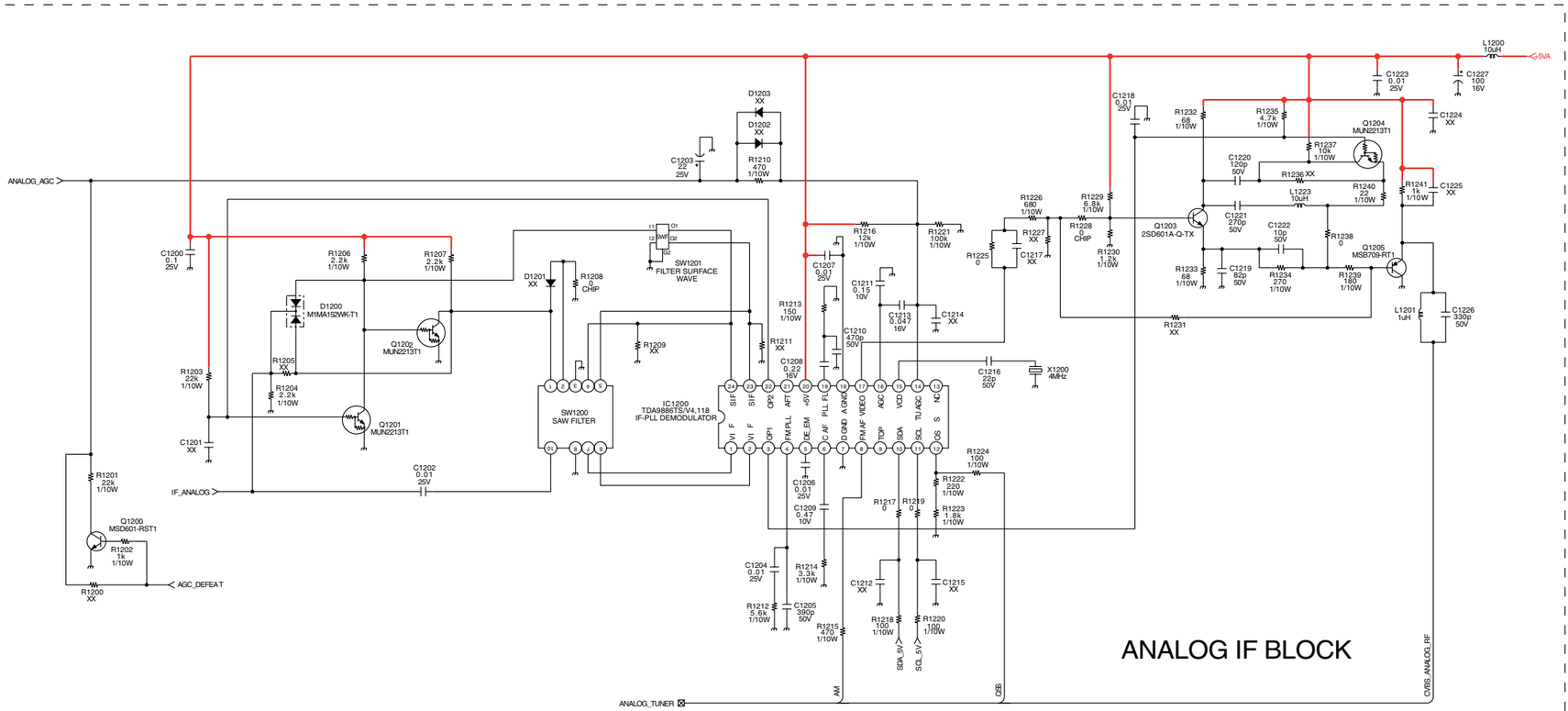
### TUNER BLOCK




### AUDIO SWITCH (PC,Component,Scart2,DVI)



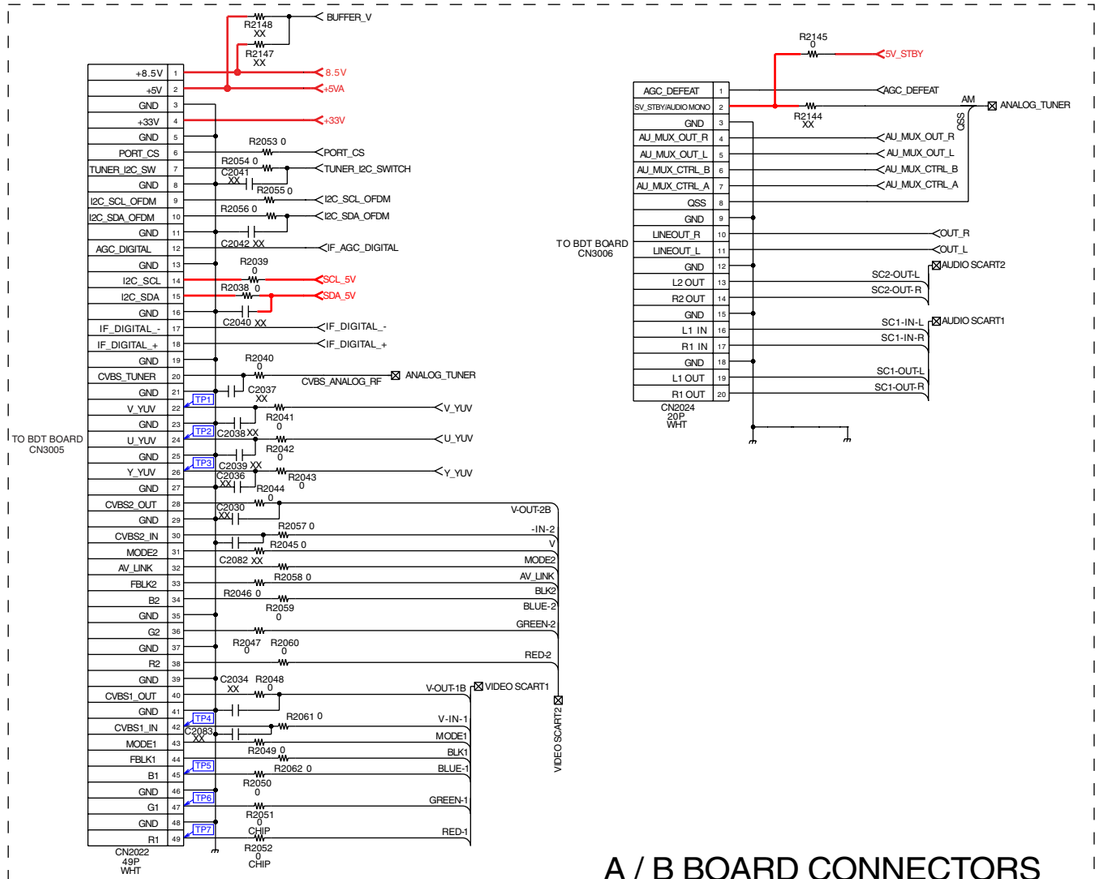

### ANALOG IF BLOCK




COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ A1/A1P Board Schematic Diagram [ Tuner, I/O Connectors & A/V Switching ] Page 2/3 ~**

A1.-SE-1(KDL-26/32U2000) / A1P.-SE-1(KDL-40U2000)

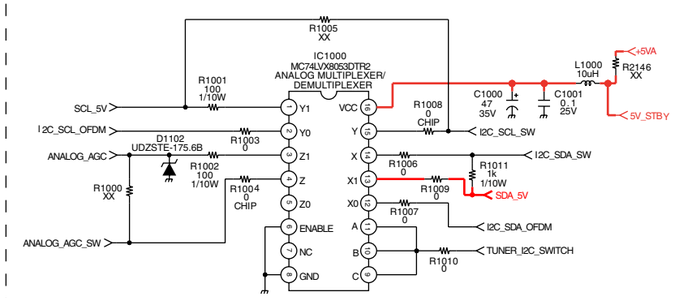



A / B BOARD CONNECTORS

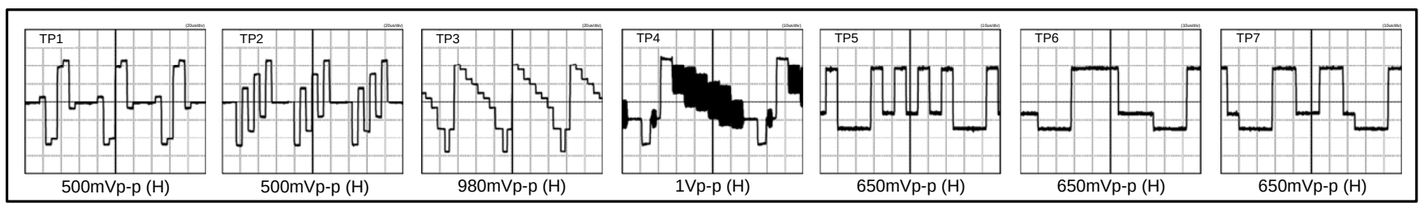



# A1/A1P 3/3

## I2C TUNER SWITCH



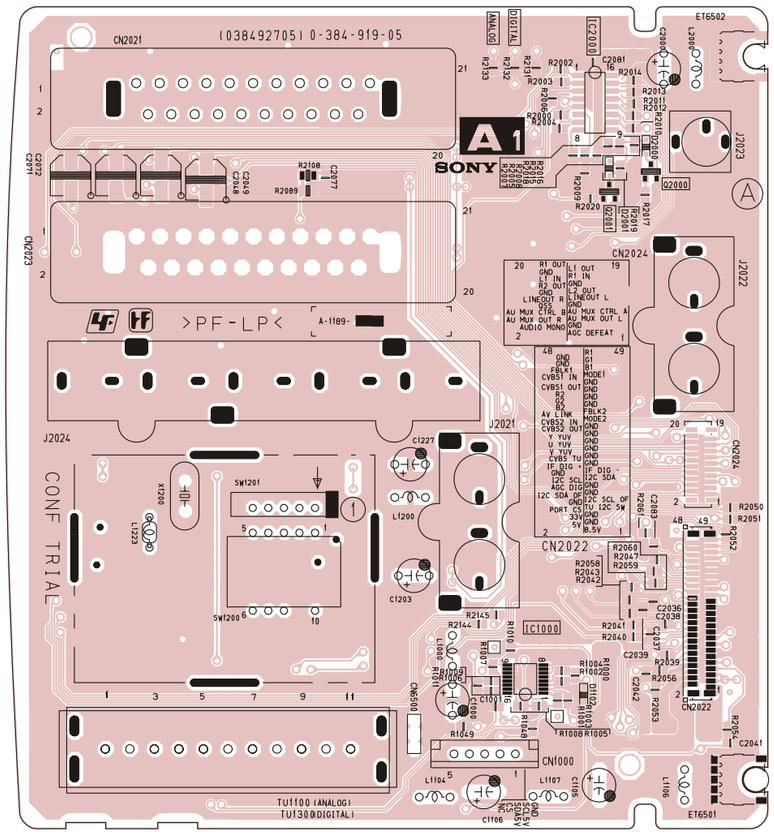

A1/A1P (3/3) Board Waveforms




COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ A1/A1P Board Schematic Diagram [ Tuner, I/O Connectors & A/V Switching ] Page 3/3 ~**

## ~ A1/A1P Printed Wiring Board  Conductor Side A ~




## ~ A1/A1P Printed Wiring Board  Conductor Side B ~

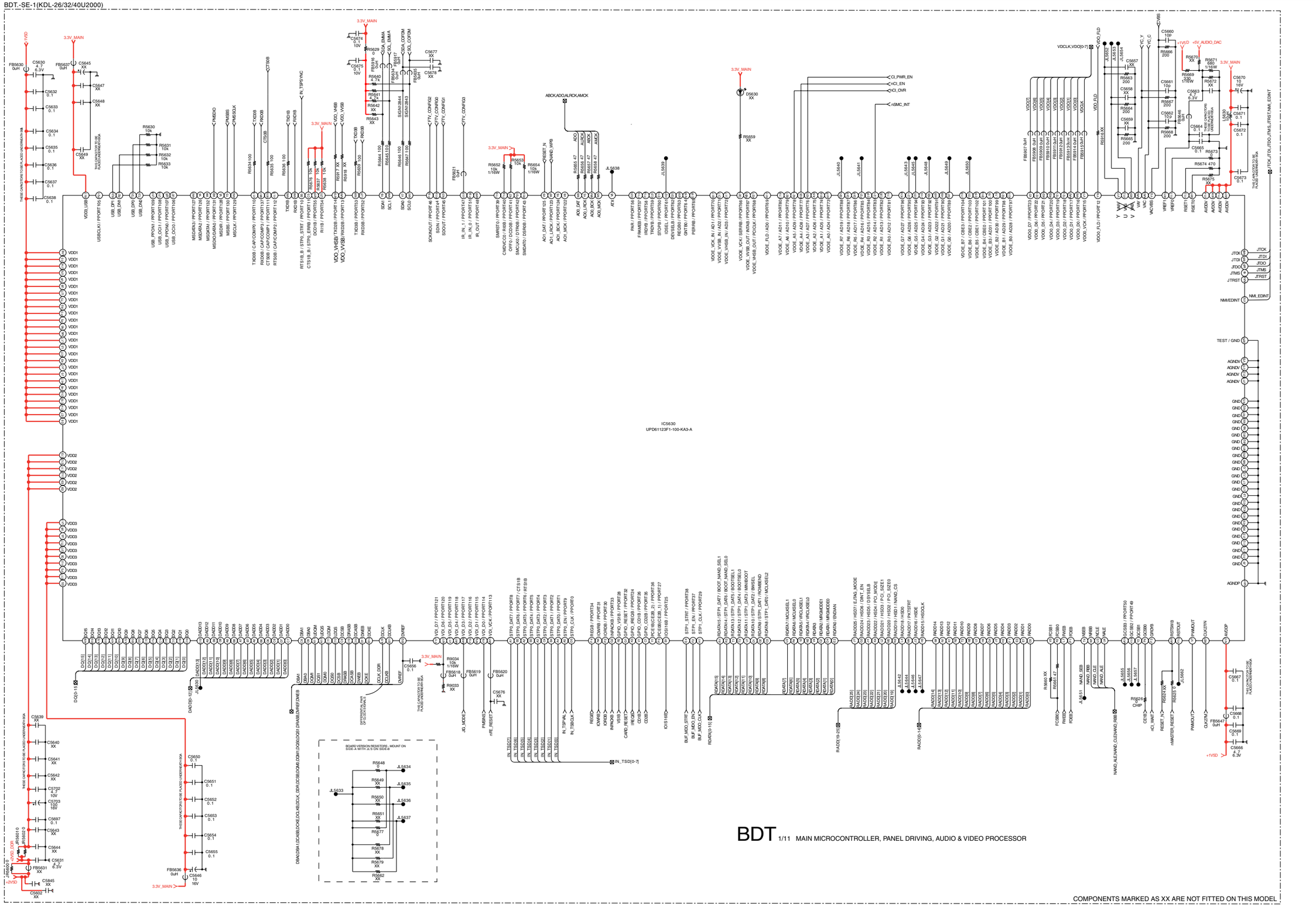
## ~ A1/A1P Board Semiconductor Voltage Table ~

| Ref | (e)(s) | (b)(g) | (c)(d) |
|---|---|---|---|
| Q2000 | 0 | 0.4 | 8.4 |
| Q2001 | 0 | 0.7 | 0 |

## ~ A1/A1P Board IC Voltage Table ~

| Ref No | Pin No | Volts (V) | Ref No | Pin No | Volts (V) | Ref No | Pin No | Volts (V) |
|---|---|---|---|---|---|---|---|---|
| IC1000 | 1 | 3.7 | IC1000 | 13-15 | 3.6 | IC2000 | 8 | 4.2 |
| | 2 | 3.2 | | 16 | 5.0 | | 9 | 8.5 |
| | 3-4 | 2.3 | IC2000 | 1-5 | 0 | | 10 | 4.3 |
| | 5-8 | 0 | | 6 | 4.2 | | 11-15 | 0 |
| | 9-12 | 3.2 | | 7 | 0 | | 16 | 8.5 |

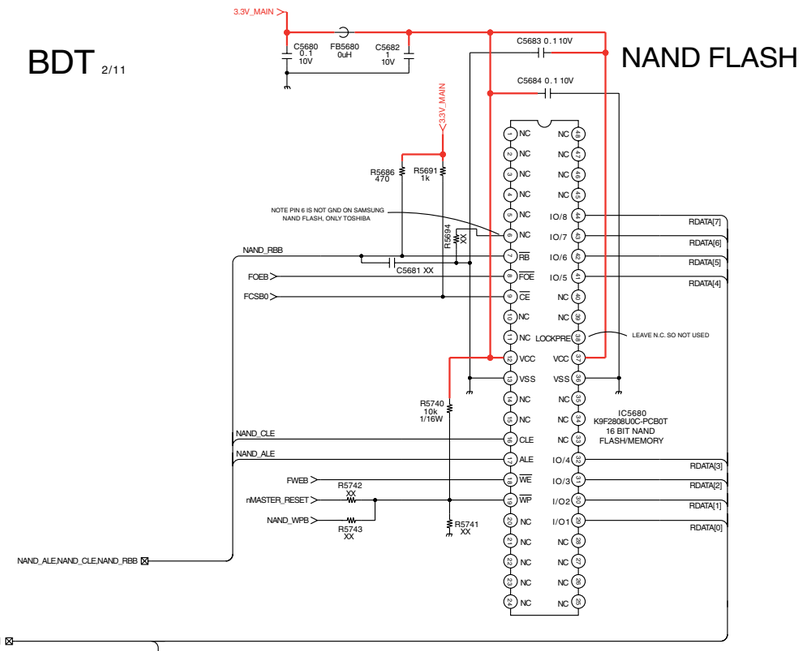
BDT.-SE-1(KDL-26/32/40U2000)


IC5630
UPD61123F1-100-KA3-A
BOARD VERSION RESISTORS , MOUNT ON SIDE-A WITH JL'S ON SIDE-B
IN_TSD[0-7]
BDT 1/11 MAIN MICROCONTROLLER, PANEL DRIVING, AUDIO & VIDEO PROCESSOR
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ BDT Board Schematic Diagram [ Main Microcontroller, Panel Driving, Audio & Video Processor ] Page 1/11 ~**

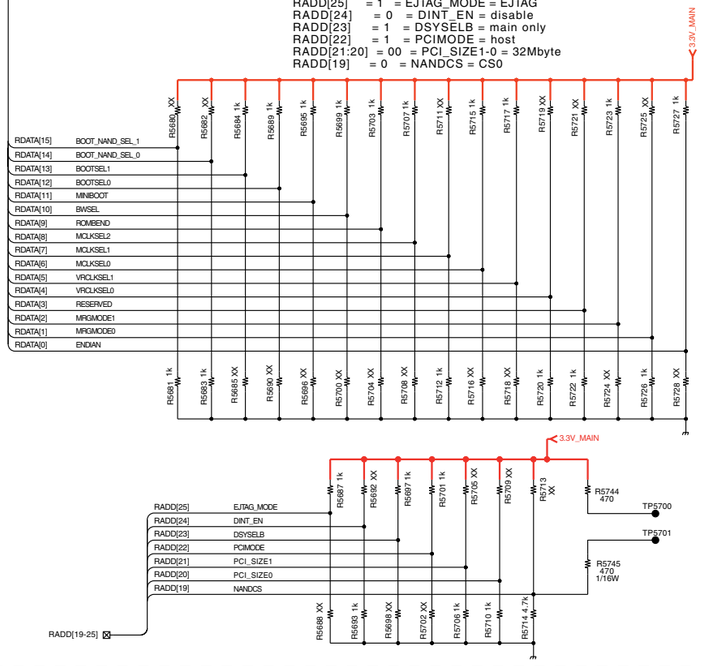
# BDT 2/11

## NAND FLASH

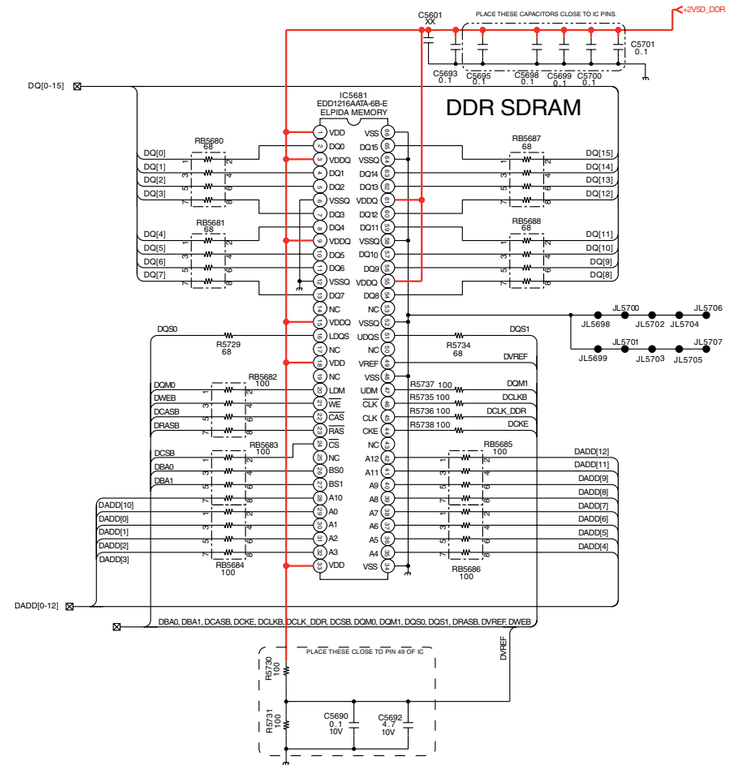



## STRAP PINS

RDATA[0] = 1 = ENDIAN = Big Endian
RDATA[2:1] = 10 = MRGMODE1-0 = Full merge & All bytes
RDATA[3] = -- = RESERVED
RDATA[5:4] = 11 = VRCLKSEL1-0 = 201MHz
RDATA[8:6] = 101 = MCLKSEL2-0 = 187MHz
RDATA[9] = 1 = ROMBEND = Big Endian
RDATA[10] = 1 = BWSEL = 8bit
RDATA[11] = 1 = MINIBOOT = use miniboot
RDATA[13:12] = 11 = BOOTSEL1-0 = Nand, then Memory Stick
RDATA[15:14] = 00 = BOOT_NAND_SEL1-0 = <256mbit
RADD[25] = 1 = EJTAG_MODE = EJTAG
RADD[24] = 0 = DINT_EN = disable
RADD[23] = 1 = DSYSELB = main only
RADD[22] = 1 = PCIMODE = host
RADD[21:20] = 00 = PCI_SIZE1-0 = 32Mbyte
RADD[19] = 0 = NANDCS = CS0

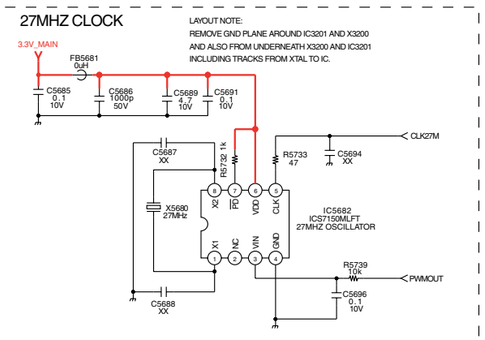



## DDR SDRAM




PLEASE PLACE COMPONENTS IN
THIS BOX IN SAME AREA ON PWB

## 27MHZ CLOCK




COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

BDT-SE-1(KDL-26/32/40U2000)

BDT 3/11

PCMCIA CARD

CN5750 68P BLK

FB5751 0uH

FB5750 0uH

IC5751 74LVC541APW OCTAL BUFFER/LINE DRIVER

IC5752 TC7SH00FU(T5RSOYJF) 2 INPUT NAND GATE

IC5753 74LVC541APW OCTAL BUFFER/LINE DRIVER

IC5754 74LVC14APW OCTAL BUFFER/LINE DRIVER

IC5755 74LVC541APW OCTAL BUFFER/LINE DRIVER

IC5756 74LVC541APW OCTAL BUFFER/LINE DRIVER

IC5757 74LVC541APW OCTAL BUFFER/LINE DRIVER

IC5758 TC74LCX541FT(EKJ) OCTAL BUS BUFFER

IC5759 74LVT245PW-T OCTAL TRANSCEIVER

IC5750 74LVC541APW OCTAL BUFFER/LINE DRIVER

TS_IN[7:0] FROM COFDM

TS[7:0] TO DMX

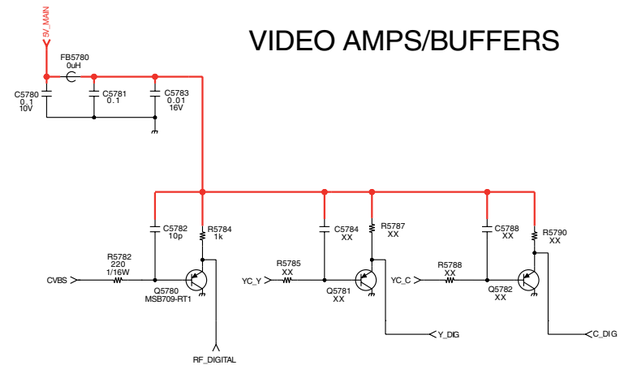
ADD[0:7]

ADD[8:14]

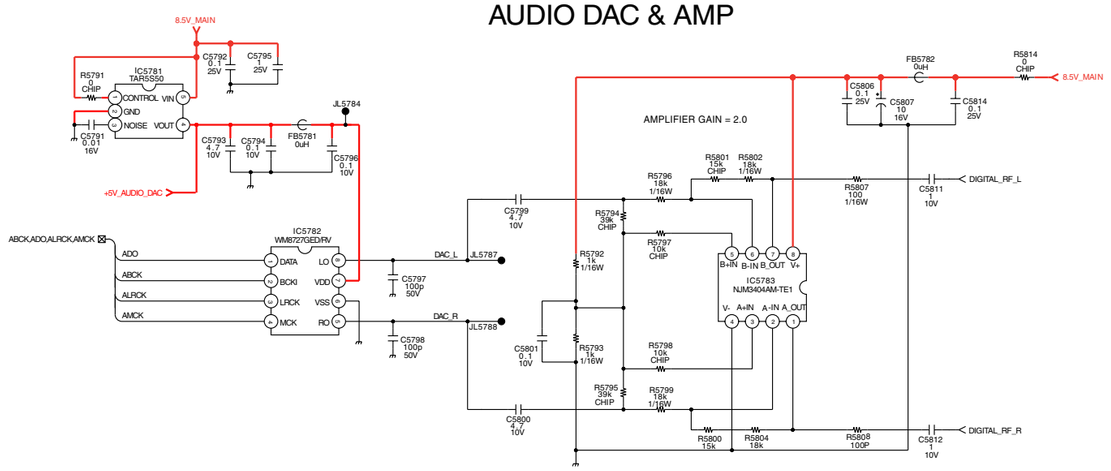
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

BDT.-SE-1(KDL-26/32/40U2000)

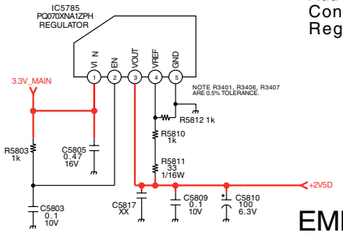
## VIDEO AMPS/BUFFERS



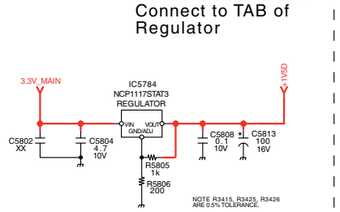

## AUDIO DAC & AMP



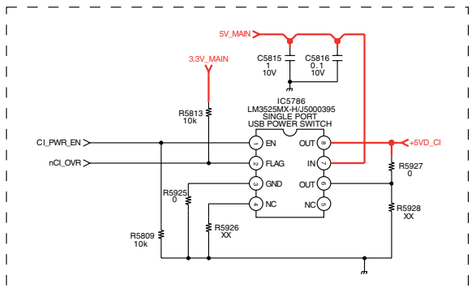

## EMMA 2V5 REG



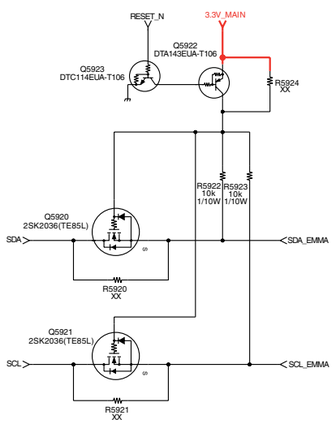

## EMMA 1V5 REG

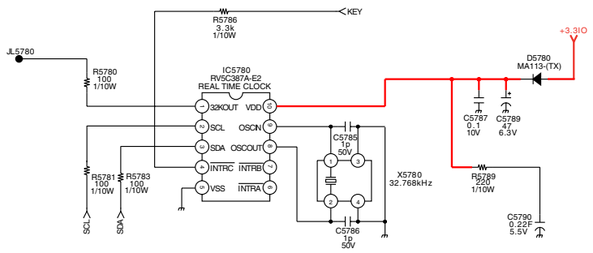



## CI POWER SWITCH



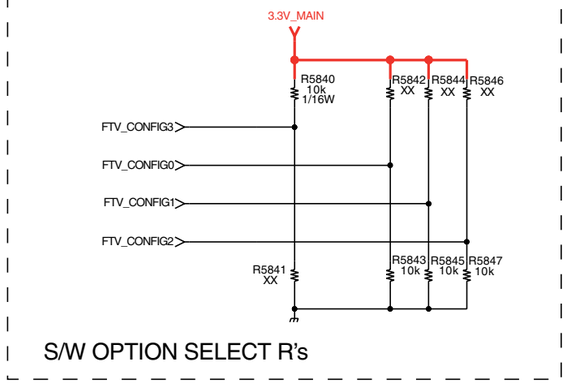

## BDT 4/11



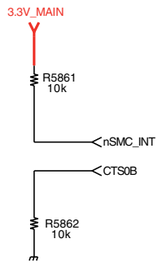




COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

BDT.-SE-1(KDL-26/32/40U2000)

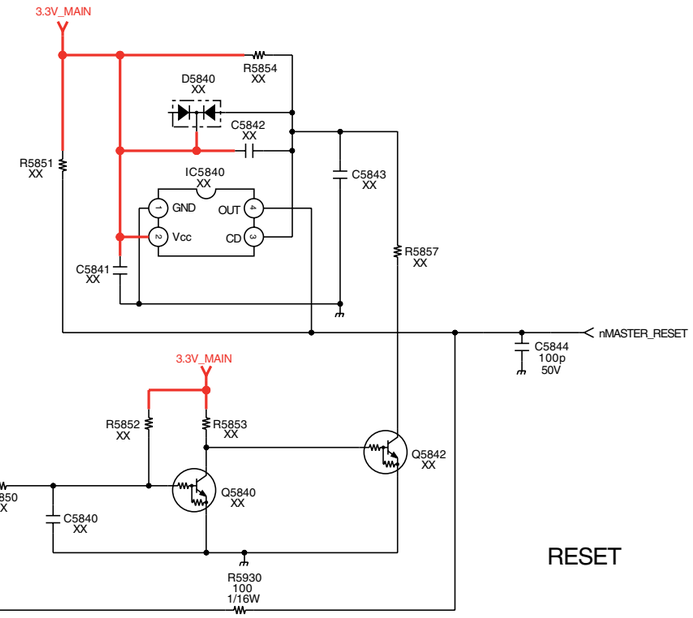



S/W OPTION SELECT R's




BDT 5/11

RESET SIGNAL GENERATION

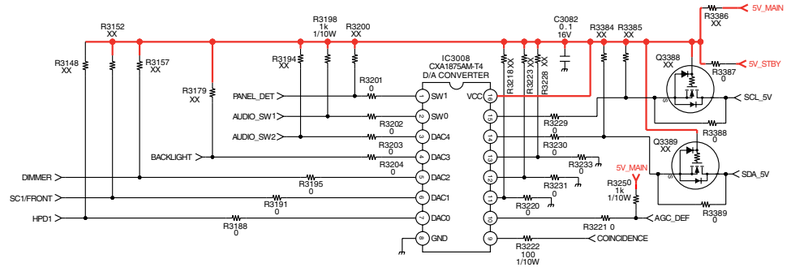


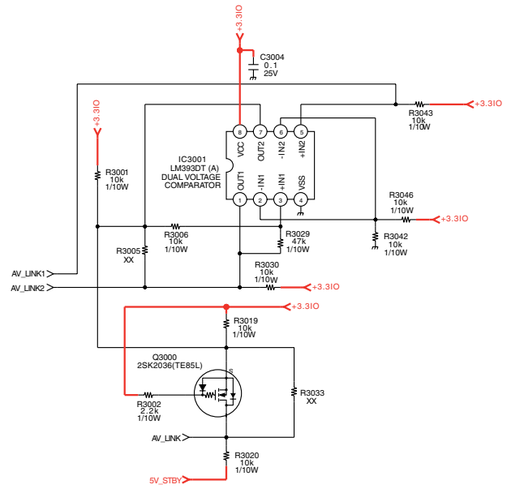

RESET

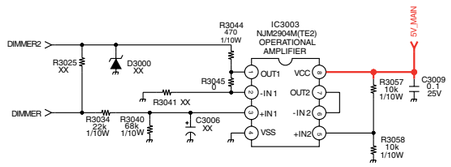
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

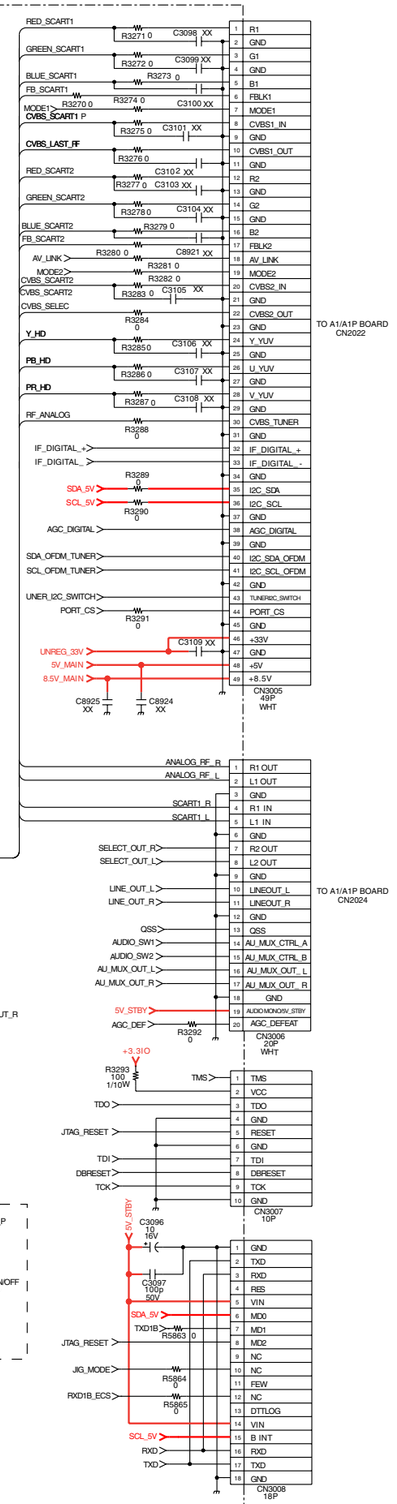
BDT-SE-1(KDL-26/32/40U2000)

# BDT 6/11



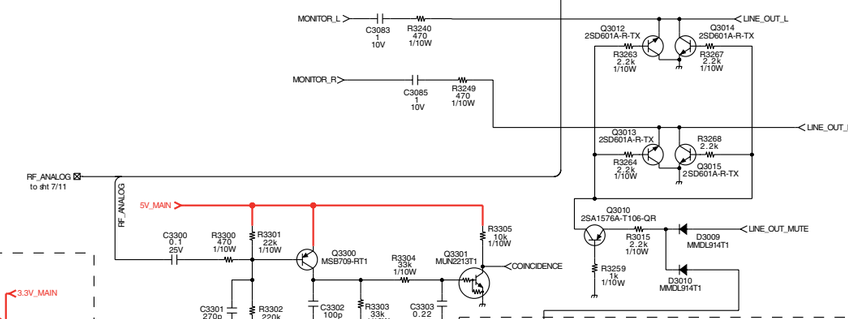



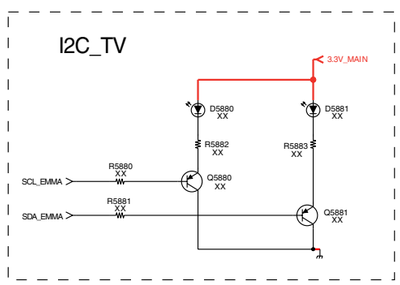


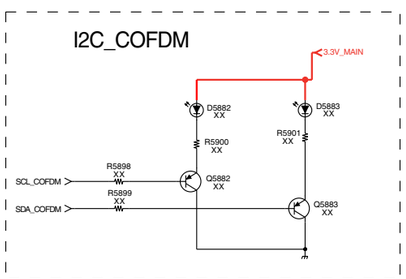










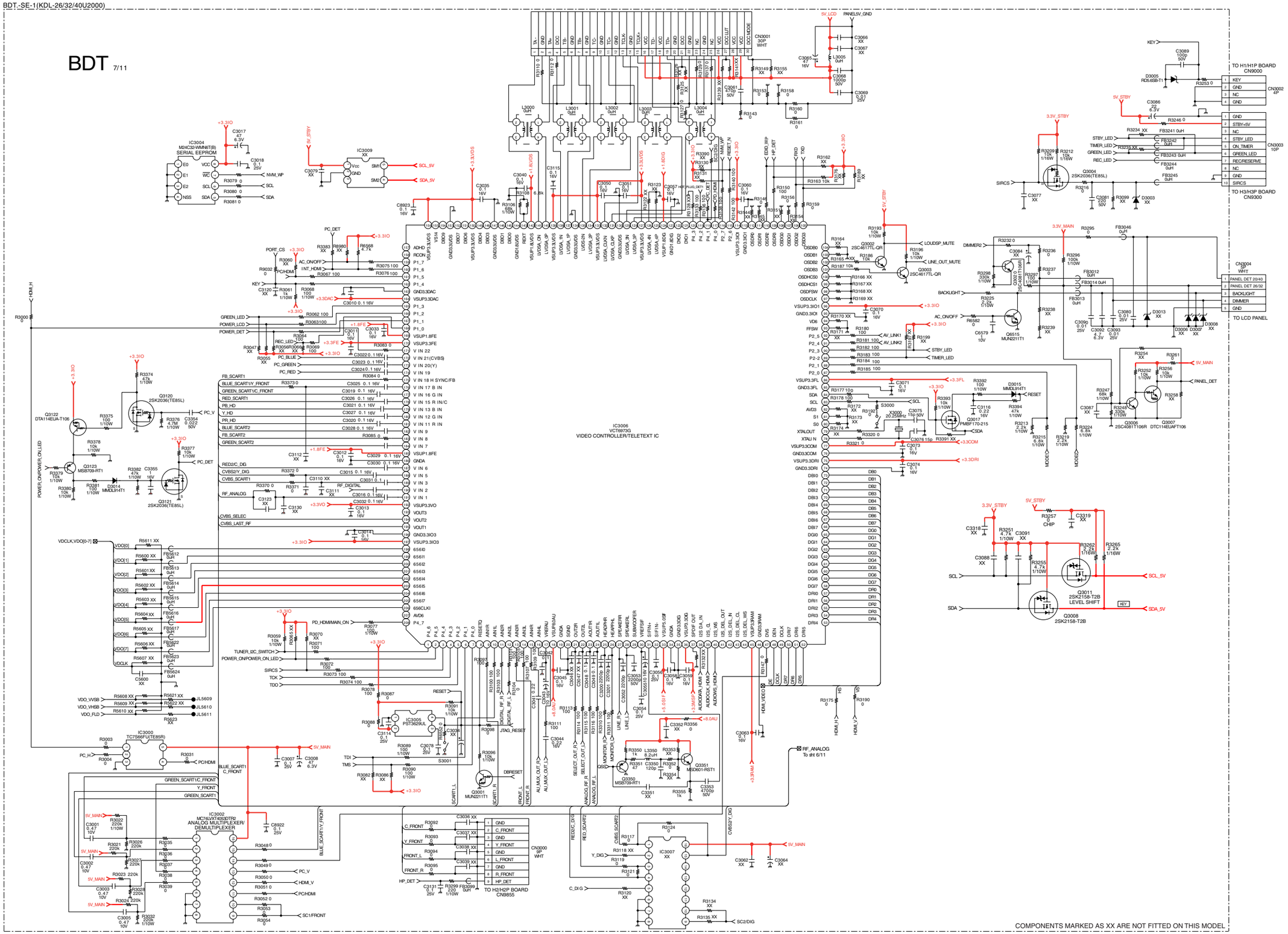



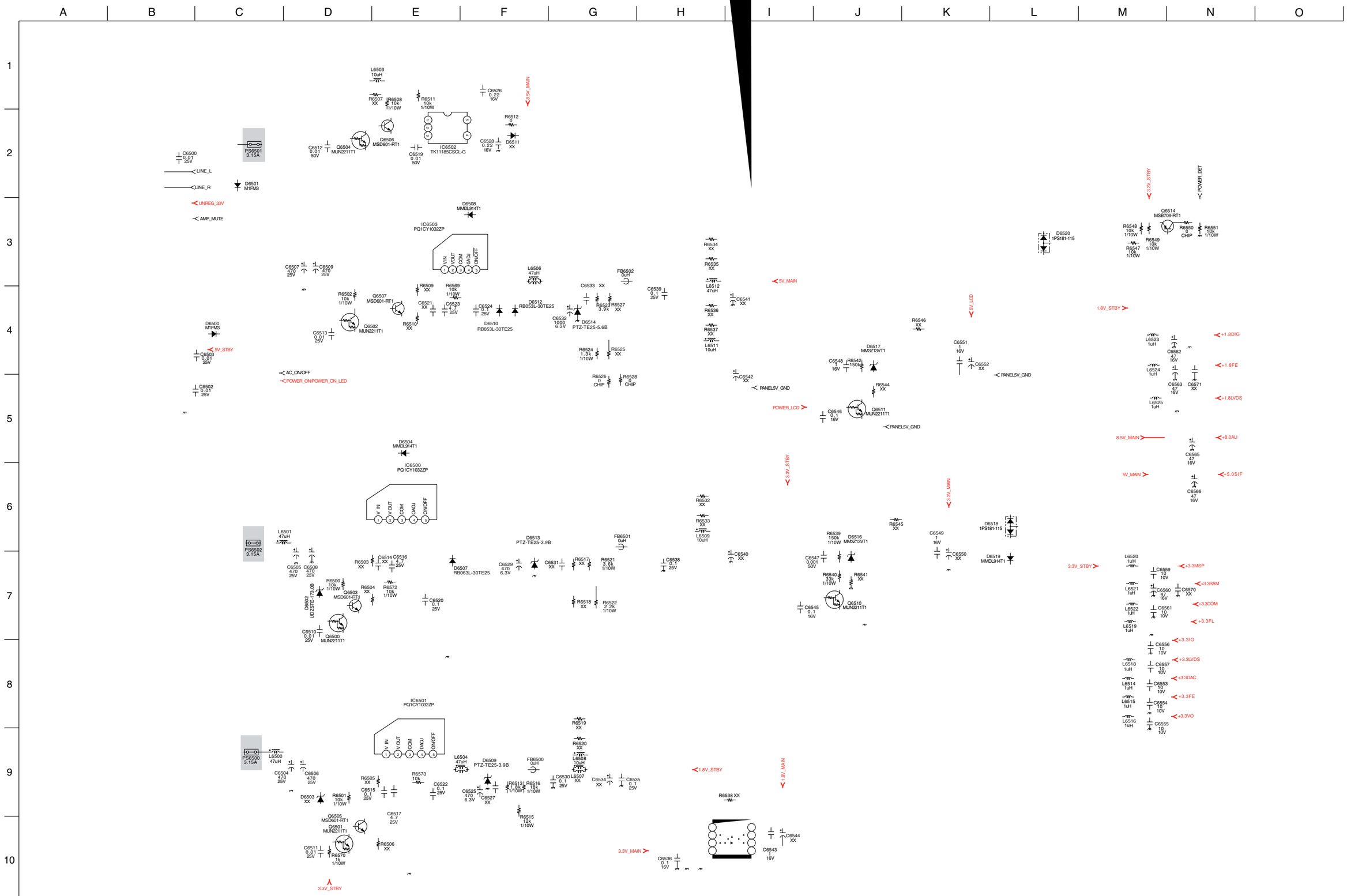

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ BDT Board Schematic Diagram [ Main Microcontroller, Panel Driving, Audio & Video Processor ] Page 6/11 ~**

BDT-SE-1(KDL-26/32/40U2000)

# BDT 7/11

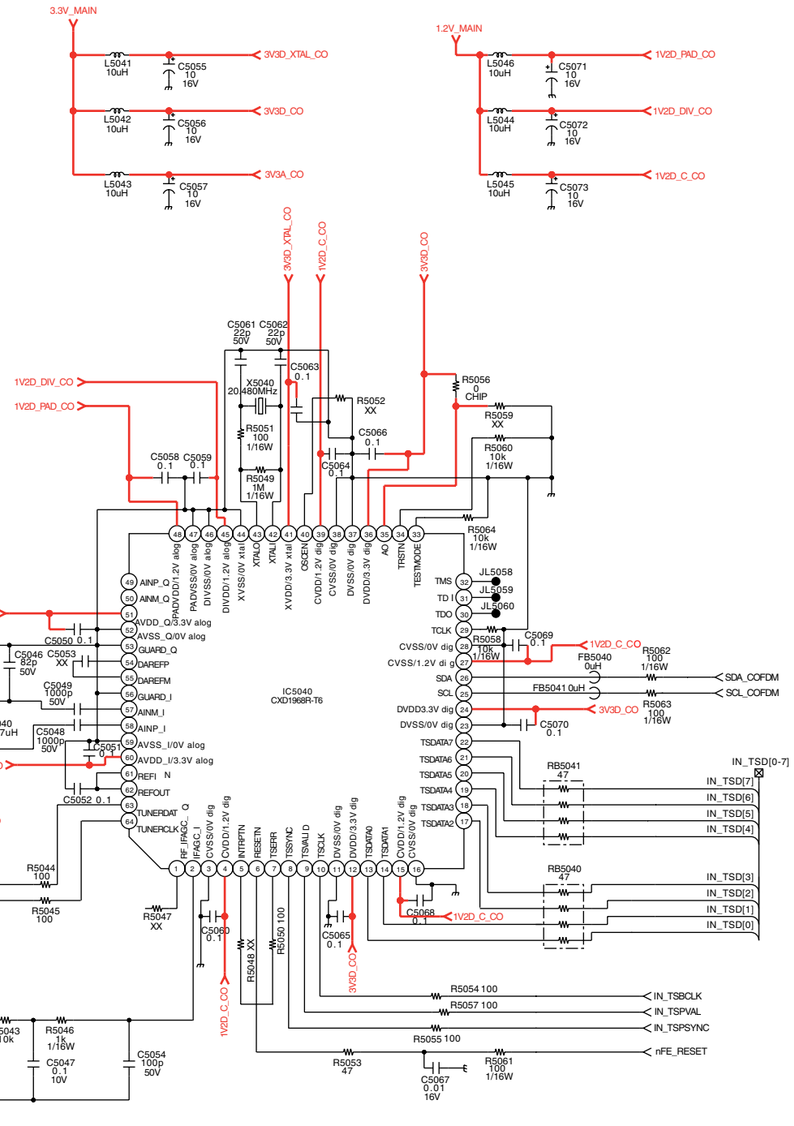


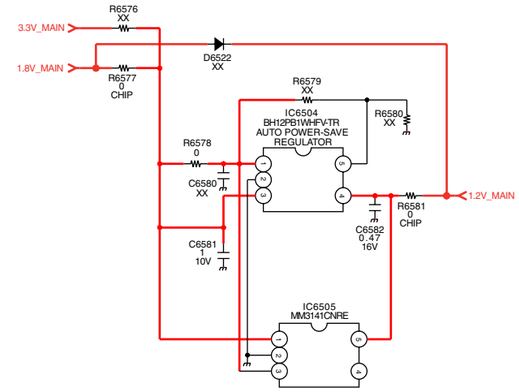



**~ BDT Board Schematic Diagram [ Main Microcontroller, Panel Driving, Audio & Video Processor ] Page 8/11 ~**

BDT.-SE-1(KDL-26/32/40U2000)

# CXD1968R (COFDM DEMODULATOR BLOCK)



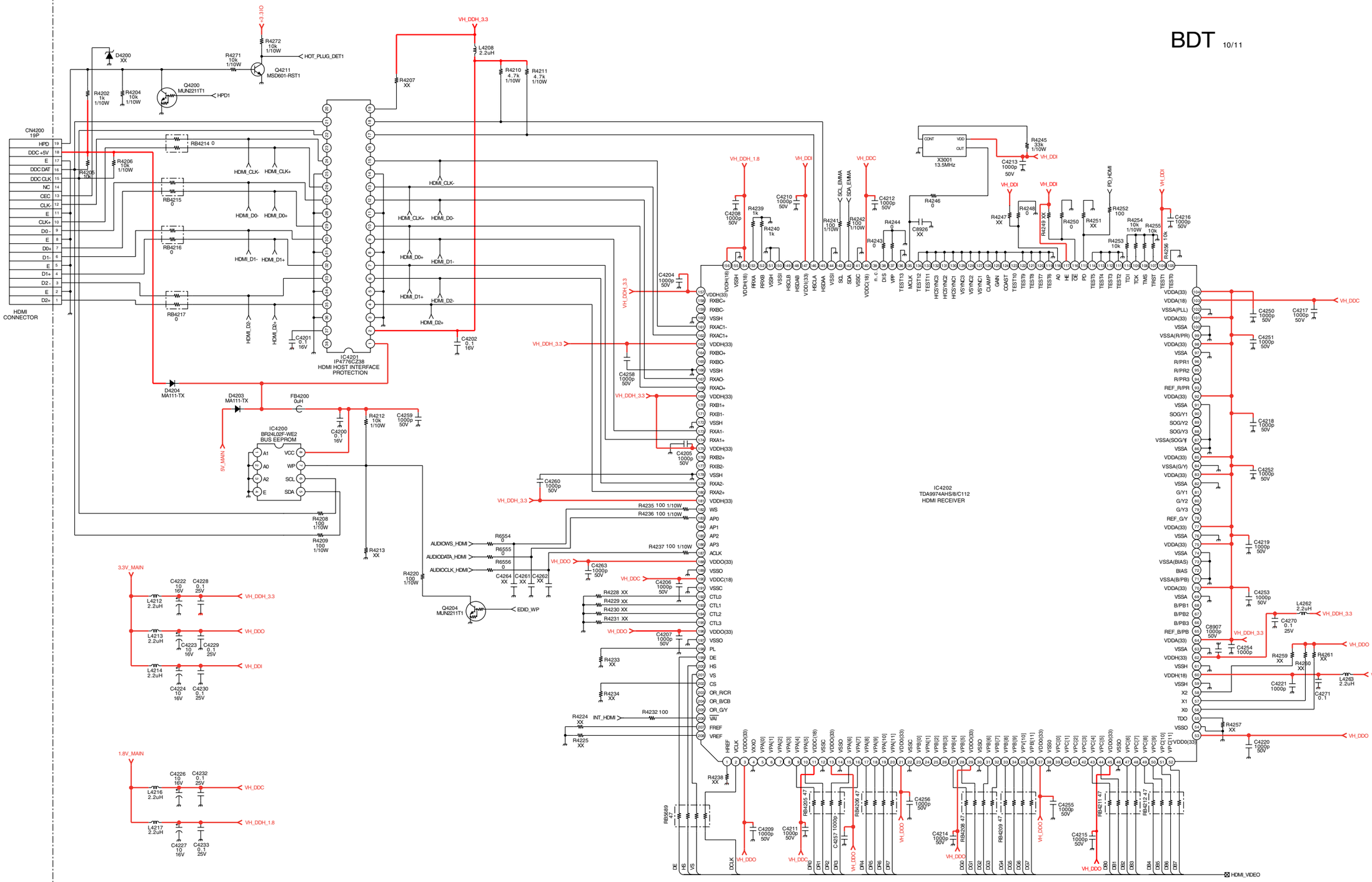

BDT 9/11

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ BDT Board Schematic Diagram [ Main Microcontroller, Panel Driving, Audio & Video Processor ] Page 9/11 ~**

BDT.-SE-1(KDL-26/32/40U2000)

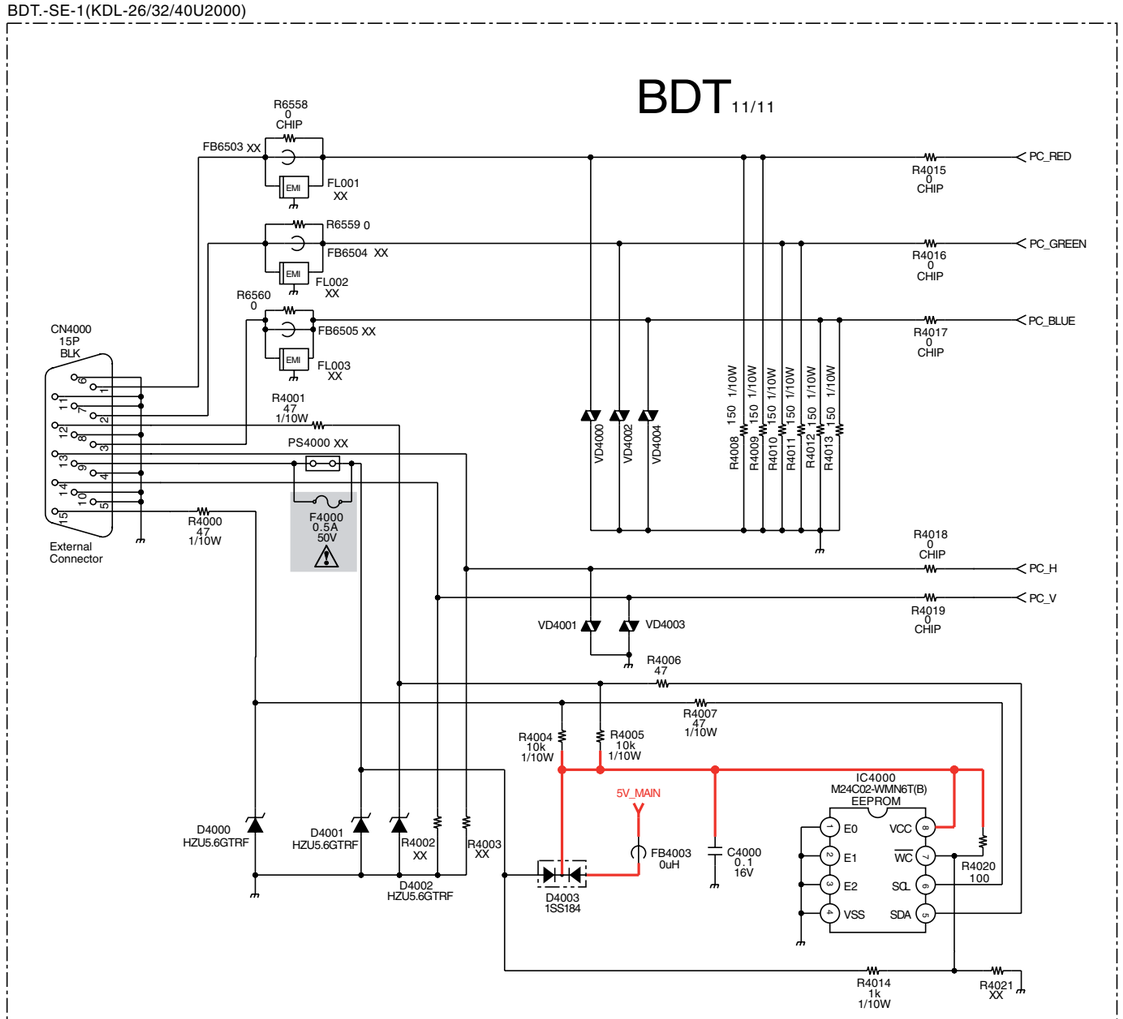
# BDT 10/11




COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ BDT Board Schematic Diagram [ Main Microcontroller, Panel Driving, Audio & Video Processor ] Page 10/11 ~**

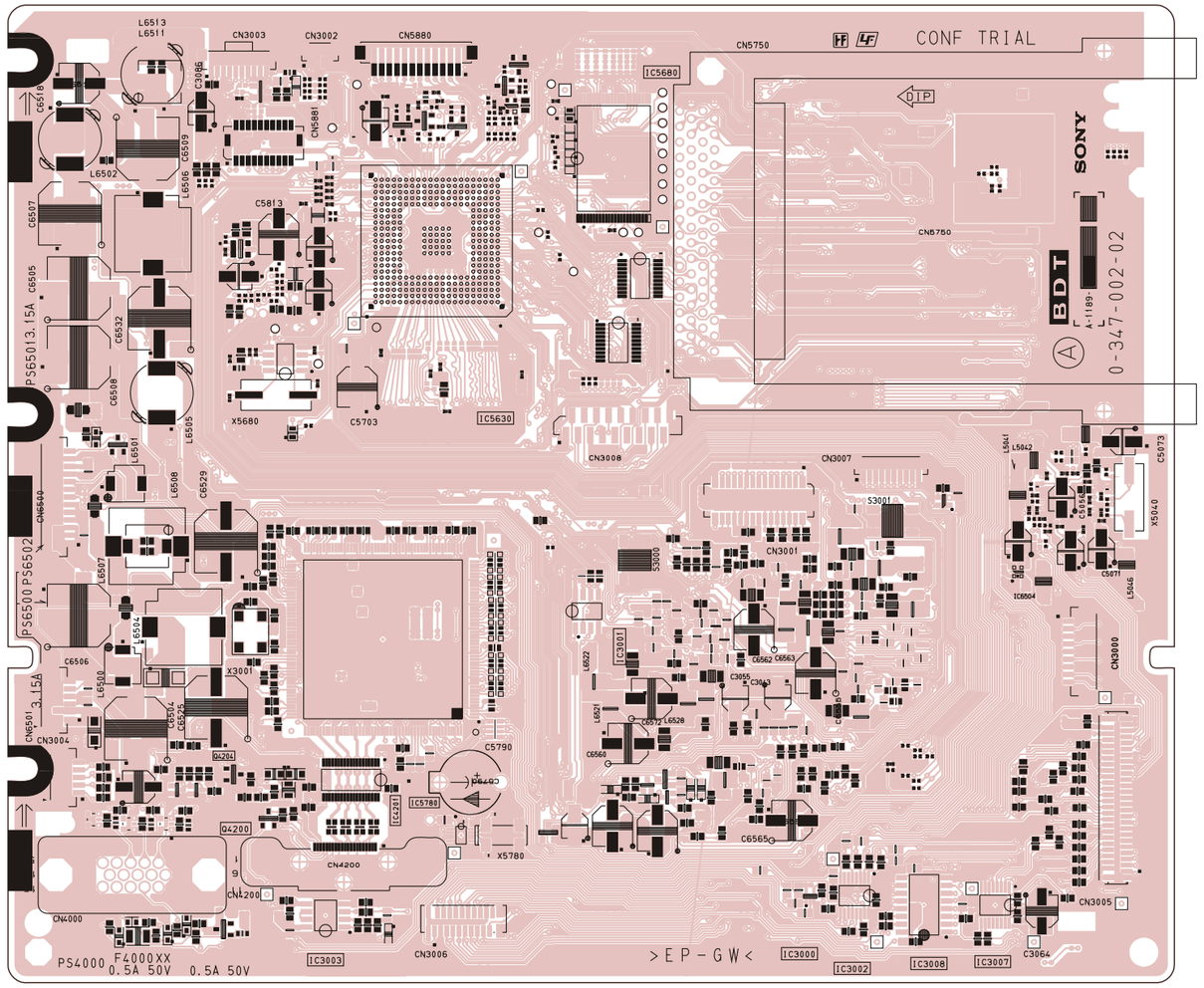
BDT.-SE-1(KDL-26/32/40U2000)




COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ BDT Board Schematic Diagram [ Main Microcontroller, Panel Driving, Audio & Video Processor ] Page 11/11 ~**

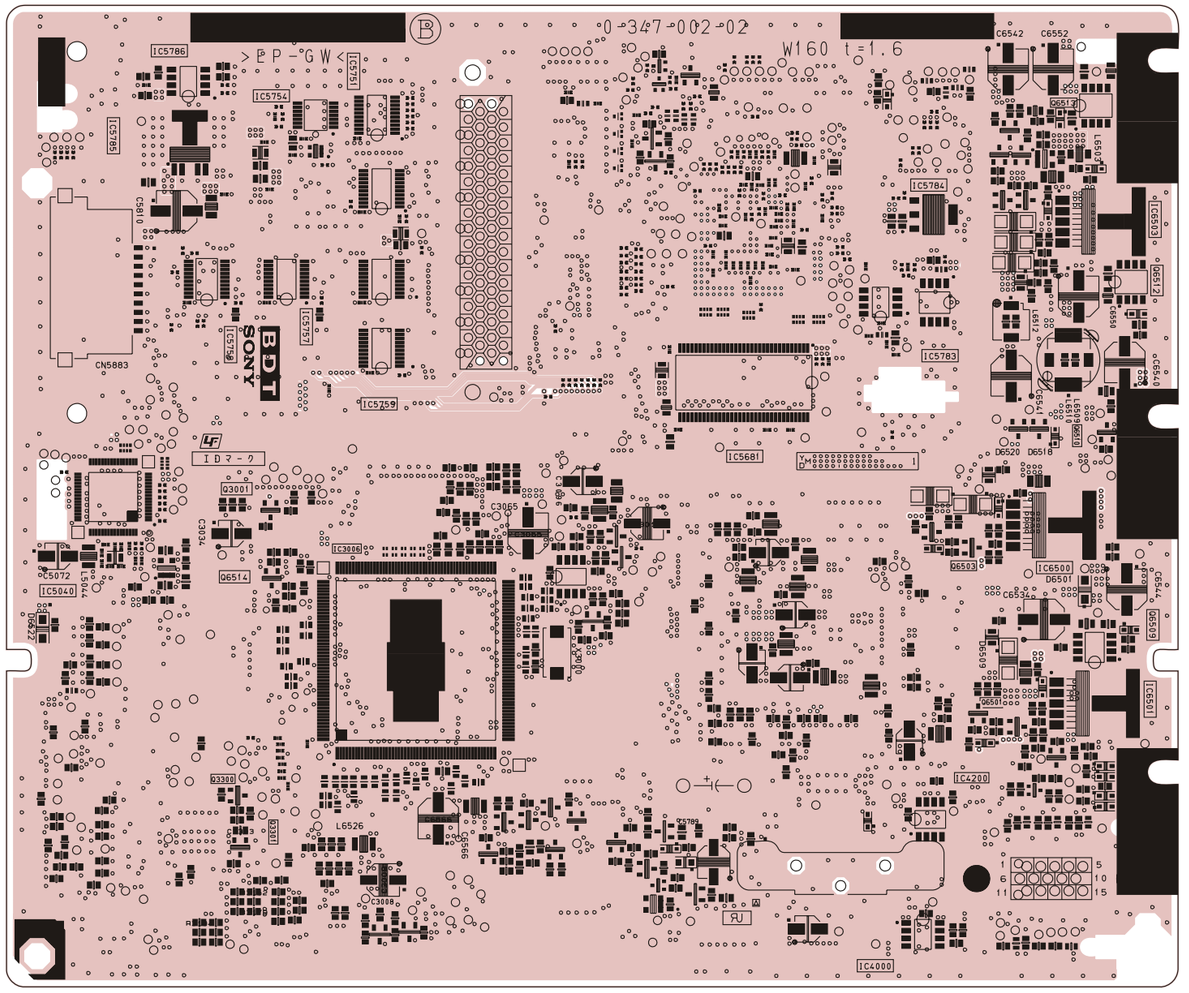
## ~ BDT Printed Wiring Board Conductor Side A ~




## ~ BDT Board Semiconductor Voltage Table ~

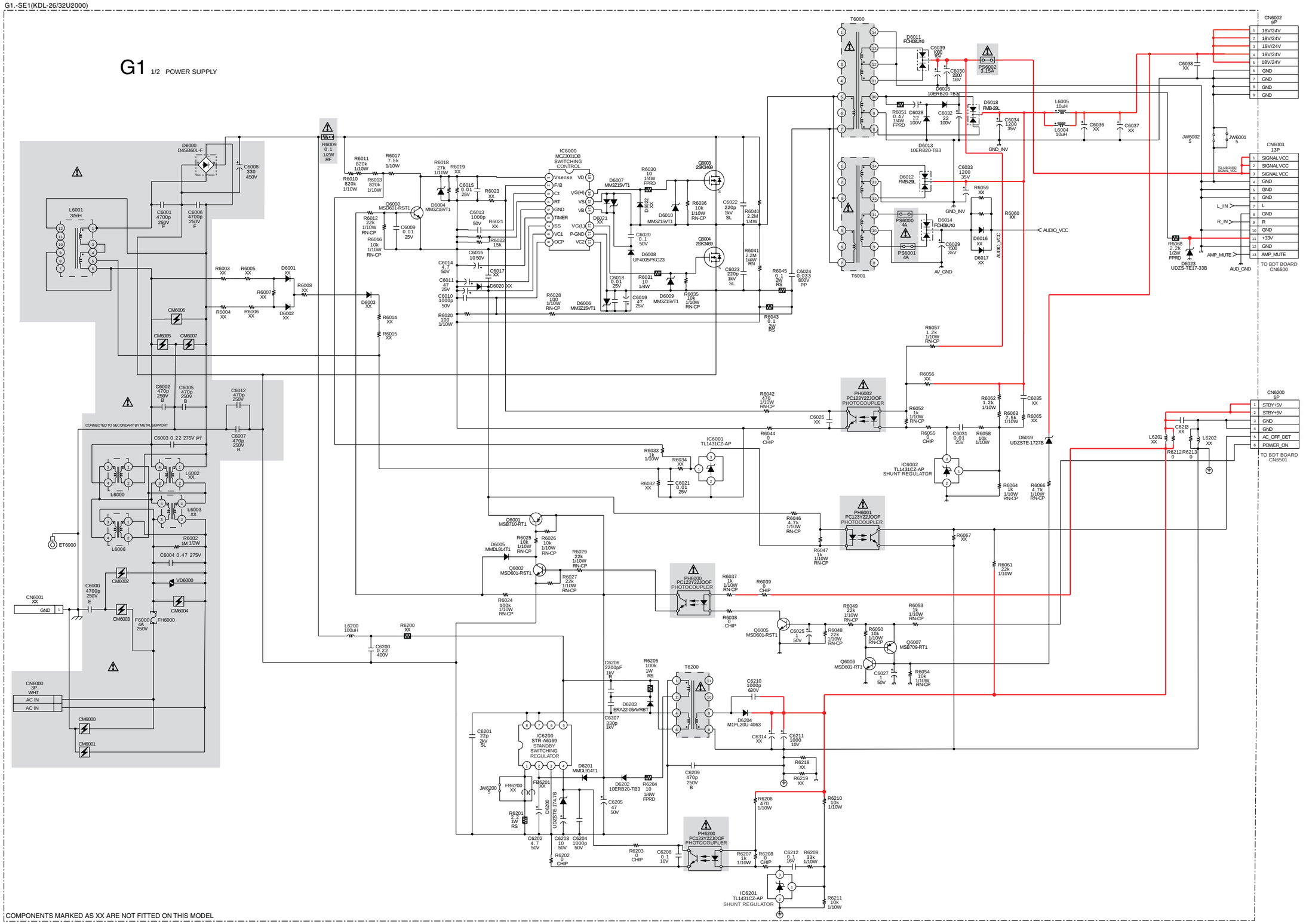
## ~ BDT Board IC Voltage Table ~

## ~ BDT Printed Wiring Board Conductor Side B ~



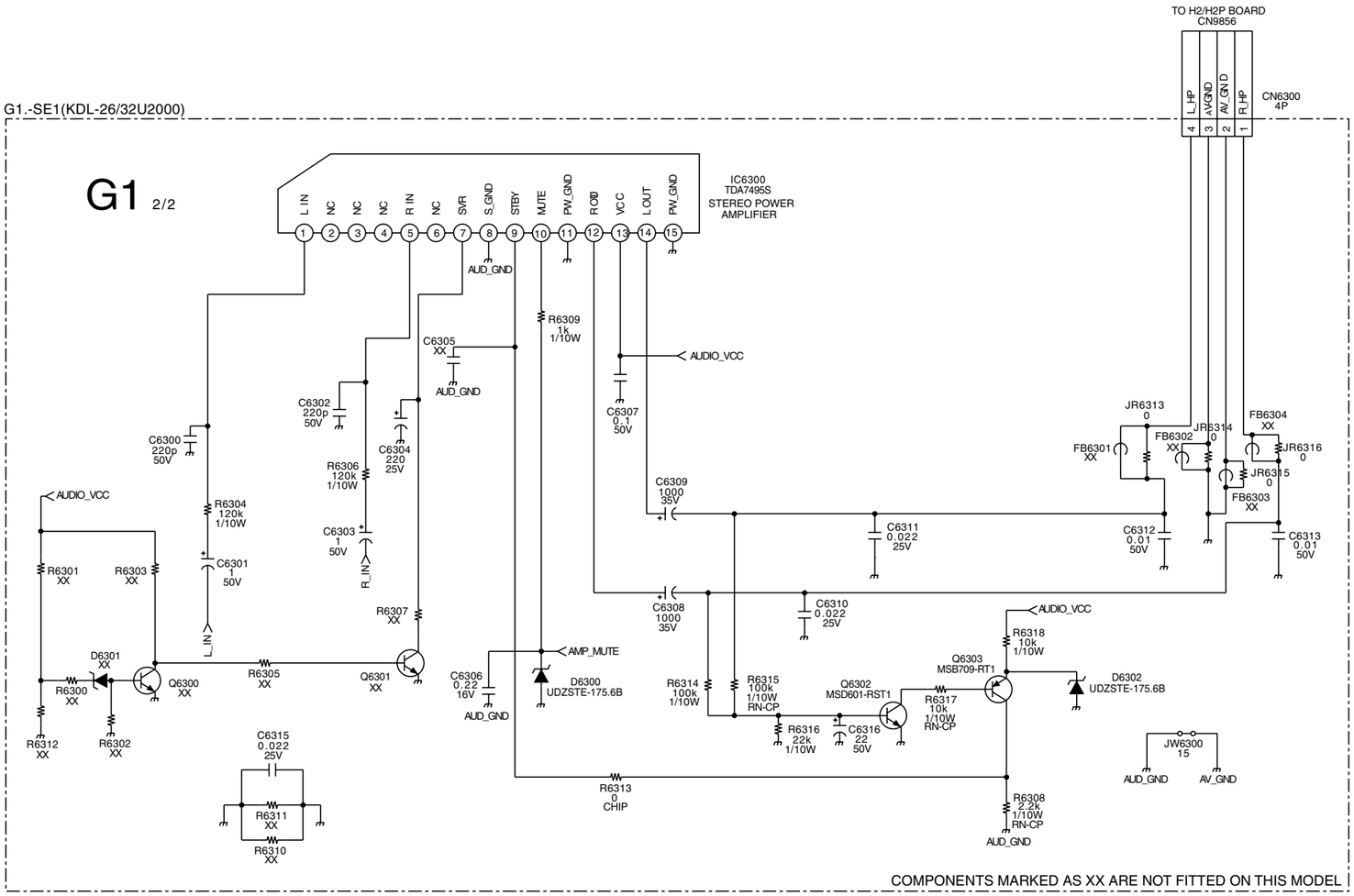
G1.-SE1(KDL-26/32U2000)

# G1 1/2 POWER SUPPLY



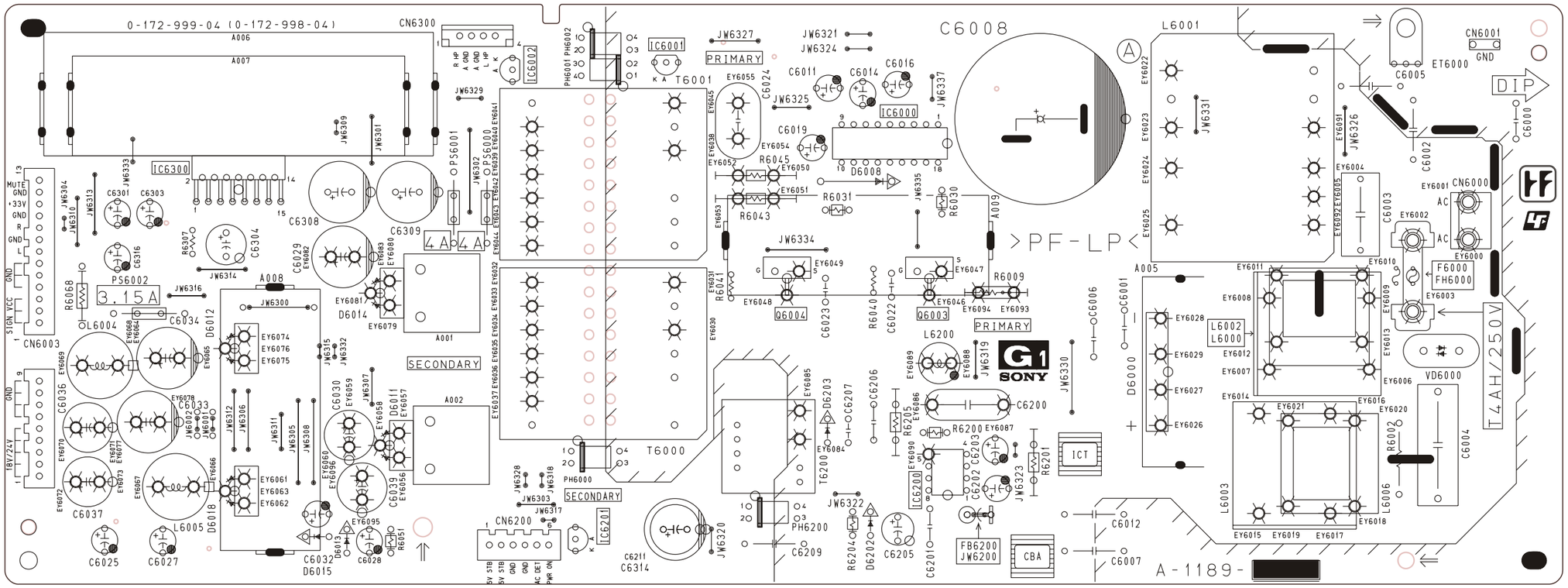

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ G1 Board Schematic Diagram [ Power Supply ] Page 1/2 ~**




**~ G1 Board Schematic Diagram [ Power Supply ] Page 2/2 ~**

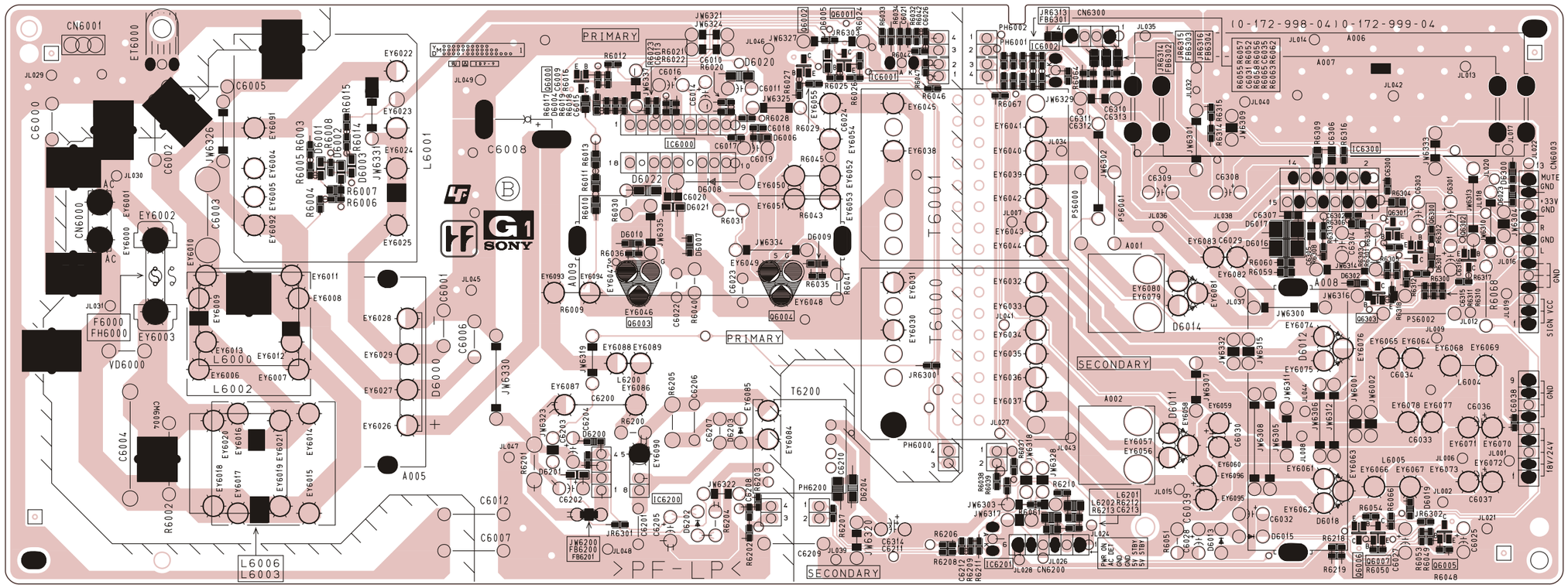
## ~ G1 Printed Wiring Board Conductor Side A ~




## ~ G1 Board Semiconductor Location Table Side A ~

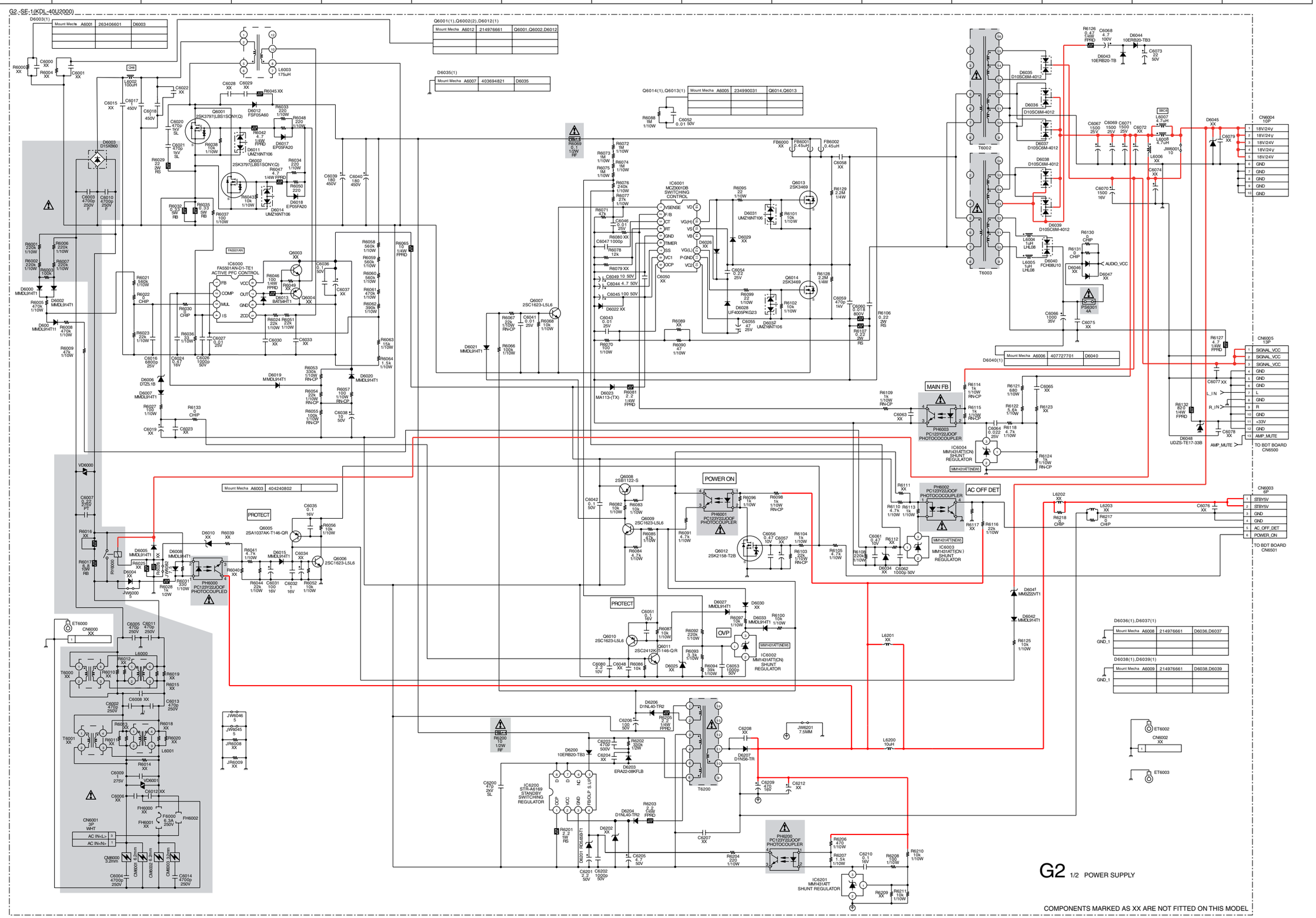
| DIODE | | D6014 | D - 5 | IC | | IC6201 | F - 7 |
|---|---|---|---|---|---|---|---|
| D6000 | K - 6 | D6015 | D - 7 | IC6000 | I - 3 | IC6300 | C - 4 |
| D6008 | I - 4 | D6018 | C - 7 | IC6001 | G - 3 | TRANSISTOR | |
| D6011 | E - 6 | D6202 | I - 7 | IC6002 | F - 3 | Q6003 | I - 5 |
| D6013 | D - 7 | D6203 | H - 6 | IC6200 | I - 6 | Q6004 | H - 5 |

## ~ G1 Printed Wiring Board Conductor Side B ~

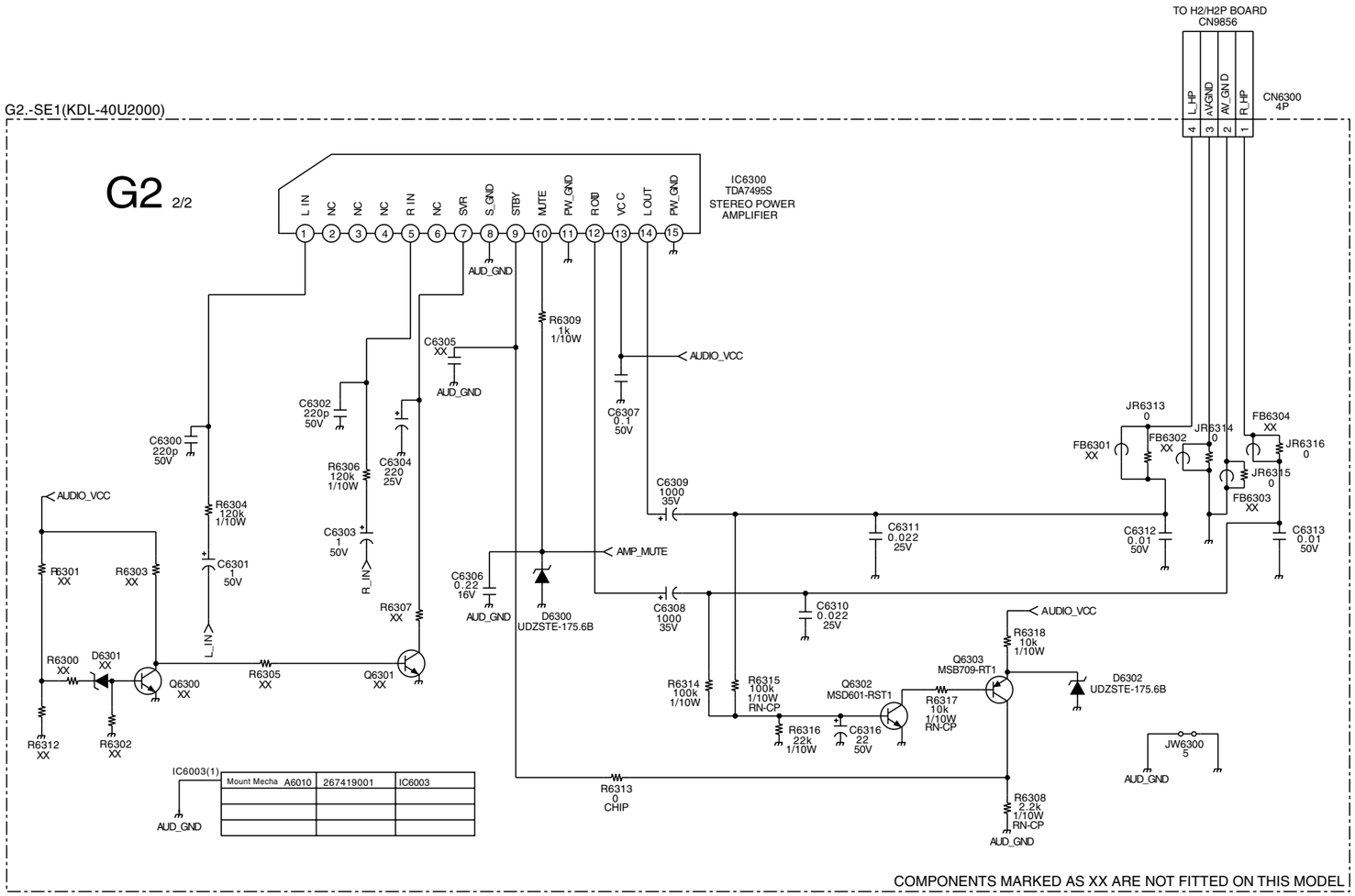



## ~ G1 Board Semiconductor Location Table Side B ~

| DIODE | | | | | | | | | | TRANSISTOR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D6000 | E - 6 | D6007 | G - 4 | D6012 | L - 5 | D6018 | M - 7 | D6203 | H - 6 | IC6001 | I - 3 | Q6000 | F - 3 | Q6005 | N - 7 |
| D6004 | F - 3 | D6008 | G - 4 | D6013 | L - 7 | D6019 | M - 6 | D6300 | N - 4 | IC6002 | J - 3 | Q6001 | I - 3 | Q6006 | M - 7 |
| D6005 | H - 3 | D6009 | H - 5 | D6014 | K - 5 | D6200 | F - 6 | D6302 | M - 5 | IC6200 | G - 7 | Q6002 | H - 3 | Q6007 | M - 7 |
| D6006 | H - 4 | D6010 | G - 4 | D6015 | L - 7 | D6201 | F - 6 | IC | | IC6201 | J - 7 | Q6004 | H - 5 | Q6302 | N - 4 |
| | | D6011 | K - 6 | D6016 | L - 4 | D6202 | G - 7 | IC6000 | G - 4 | IC6300 | M - 4 | | | Q6303 | M - 5 |



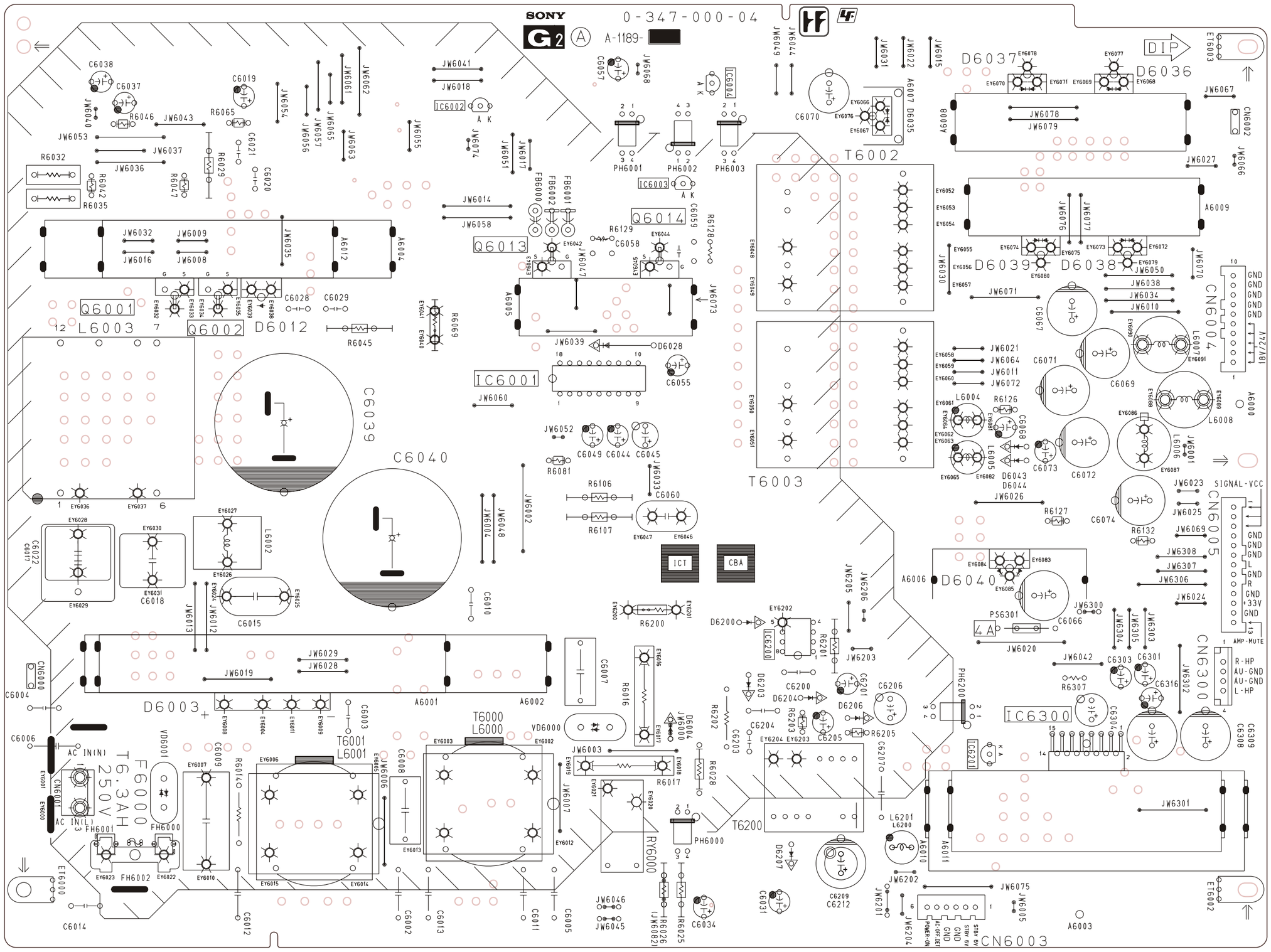

~ G2 Board Schematic Diagram [ Power Supply ] Page 1/2 ~




COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

**~ G2 Board Schematic Diagram [ Power Supply ] Page 2/2 ~**

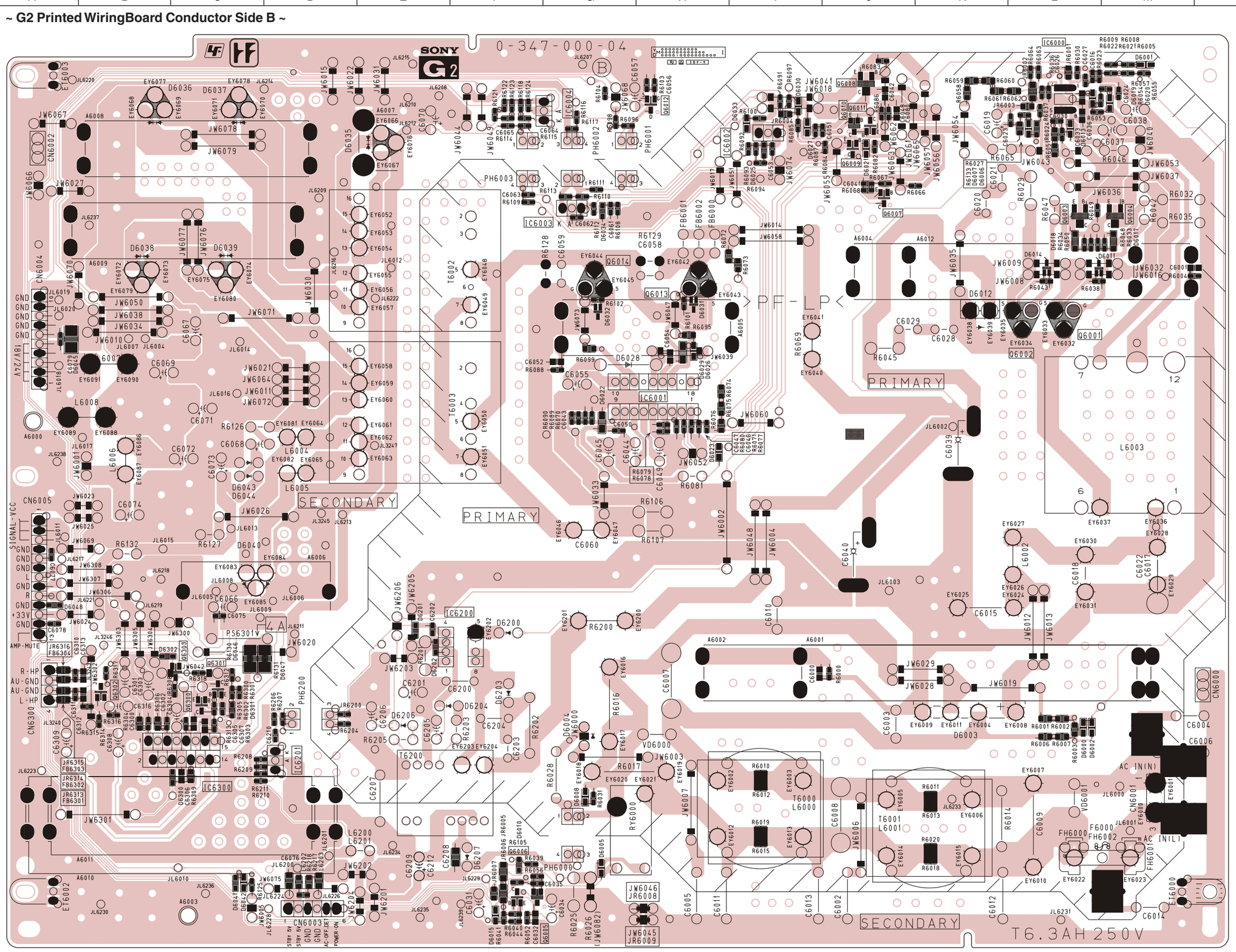
## ~ G2 Printed Wiring Board Conductor Side A ~




## ~ G2 Board Semiconductor Location Table Side A ~

| DIODE | | | |
|---|---|---|---|
| D6003 | B - 8 | D6206 | I - 8 |
| D6004 | H - 8 | D6207 | I - 9 |
| D6012 | D - 4 | **IC** | |
| D6028 | H - 4 | IC6001 | F - 5 |
| D6036 | M - 2 | IC6002 | E - 2 |
| D6037 | K - 2 | IC6003 | G - 3 |
| D6038 | L - 3 | IC6004 | H - 2 |
| D6039 | K - 3 | IC6200 | I - 7 |
| D6040 | K - 7 | IC6201 | K - 8 |
| D6043 | K - 6 | IC6300 | K - 8 |
| D6044 | K - 6 | **TRANSISTOR** | |
| D6200 | H - 7 | Q6001 | B - 4 |
| D6203 | H - 8 | Q6002 | C - 4 |
| D6204 | I - 8 | Q6013 | F - 3 |
| | | Q6014 | G - 3 |

## ~ G2 Printed WiringBoard Conductor Side B ~

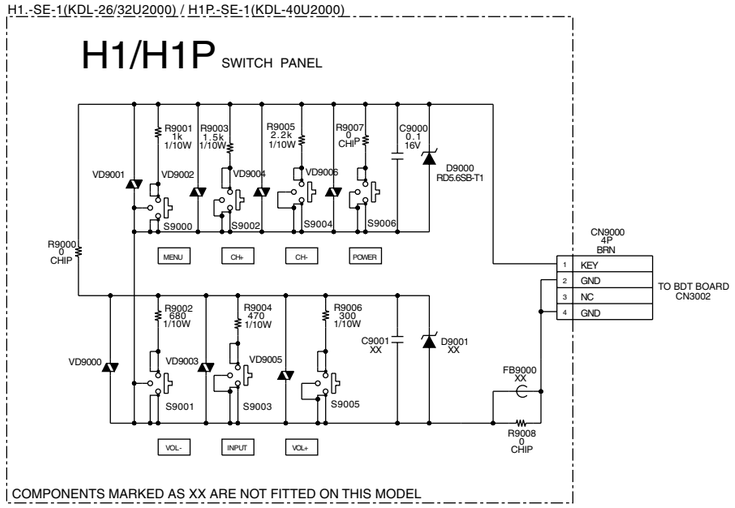



## ~ G2 Board Semiconductor Location Table Side B ~

| DIODE | | | |
|---|---|---|---|
| D6000 | L - 8 | D6200 | F - 7 |
| D6001 | M - 1 | D6203 | F - 8 |
| D6002 | L - 8 | D6204 | F - 8 |
| D6005 | G - 9 | D6206 | E - 8 |
| D6006 | K - 2 | D6207 | F - 10 |
| D6007 | K - 2 | D6300 | B - 9 |
| D6008 | G - 9 | D6302 | B - 7 |
| D6011 | M - 3 | **IC** | |
| D6013 | L - 2 | IC6000 | L - 1 |
| D6014 | L - 3 | IC6001 | H - 5 |
| D6015 | F - 10 | IC6002 | H - 2 |
| D6017 | M - 3 | IC6003 | F - 3 |
| D6018 | L - 3 | IC6004 | G - 2 |
| D6019 | M - 1 | IC6200 | E - 7 |
| D6020 | M - 1 | IC6201 | D - 9 |
| D6021 | J - 2 | IC6300 | C - 9 |
| D6023 | H - 5 | **TRANSISTOR** | |
| D6027 | I - 2 | Q6001 | L - 4 |
| D6028 | G - 4 | Q6002 | L - 4 |
| D6031 | H - 4 | Q6003 | L - 3 |
| D6032 | G - 4 | Q6004 | M - 3 |
| D6033 | I - 2 | Q6005 | F - 10 |
| D6035 | D - 2 | Q6006 | F - 10 |
| D6036 | B - 2 | Q6007 | J - 3 |
| D6037 | C - 2 | Q6008 | J - 2 |
| D6038 | B - 3 | Q6009 | J - 2 |
| D6039 | C - 3 | Q6010 | J - 2 |
| D6040 | C - 6 | Q6011 | J - 2 |
| D6041 | C - 10 | Q6012 | H - 2 |
| D6042 | C - 10 | Q6013 | H - 4 |
| D6043 | C - 6 | Q6014 | G - 3 |
| D6044 | C - 6 | Q6302 | B - 8 |
| | | Q6303 | C - 7 |

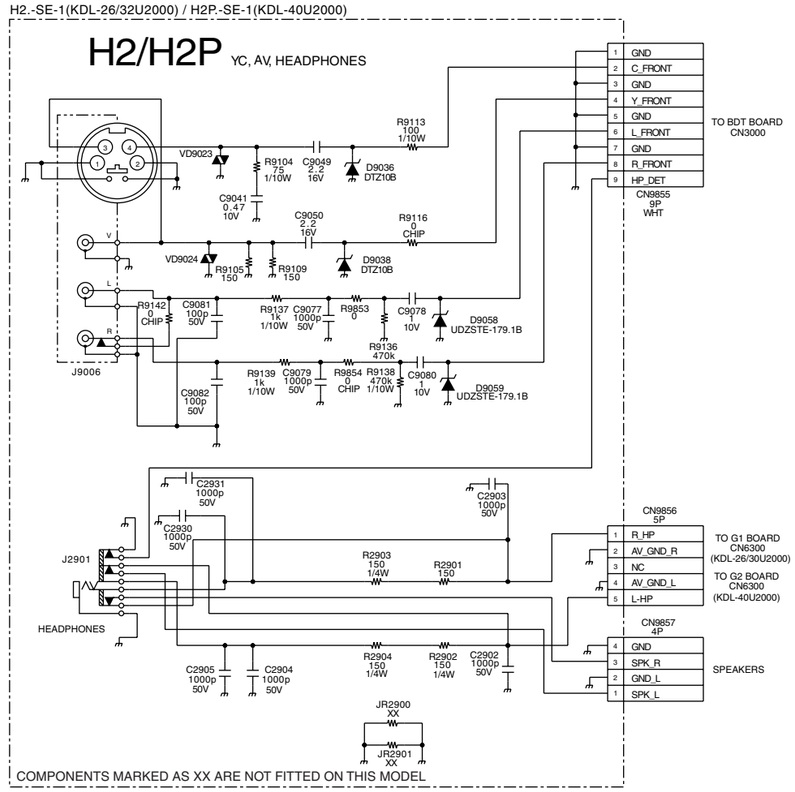
## ~ H1/H1P Board Schematic Diagram [ Switch Panel ] ~

H1.-SE-1(KDL-26/32U2000) / H1P.-SE-1(KDL-40U2000)



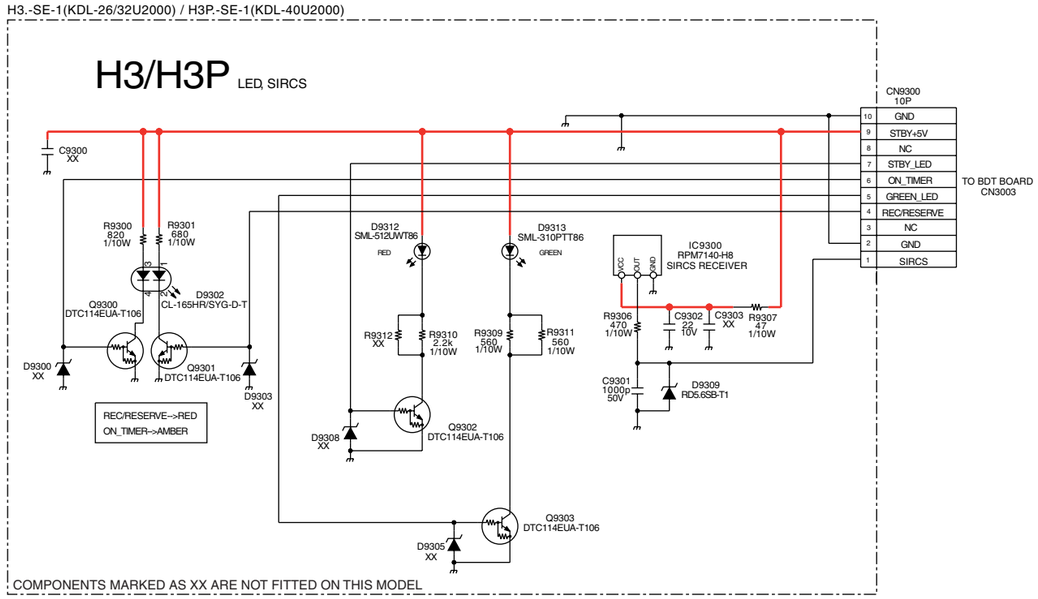

## ~ H2/H2P Board Schematic Diagram [ YC, AV, Headphones ] ~

H2.-SE-1(KDL-26/32U2000) / H2P.-SE-1(KDL-40U2000)

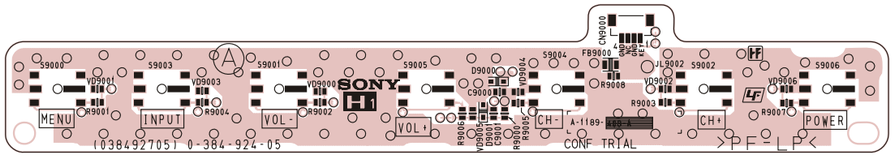



## ~ H3/H3P Board Schematic Diagram [ Led, Sircs ] ~

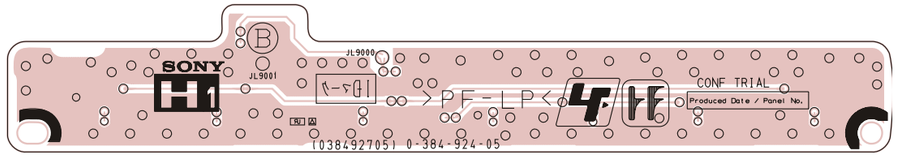
H3.-SE-1(KDL-26/32U2000) / H3P.-SE-1(KDL-40U2000)



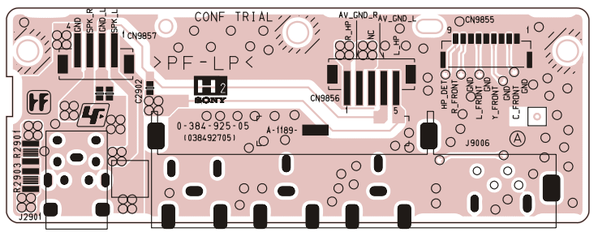
## ~ H1/H1P Printed Wiring Board Conductor Side A ~



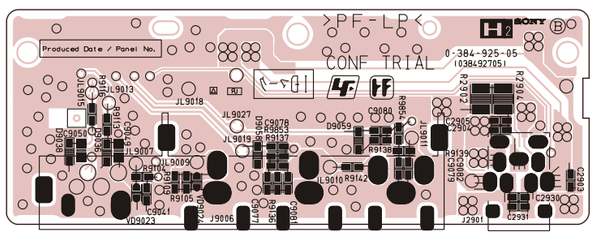

## ~ H1/H1P Printed Wiring Board Conductor Side B ~



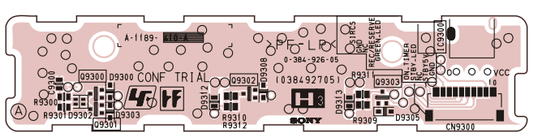

## ~ H2/H2P Printed Wiring Board Conductor Side A ~



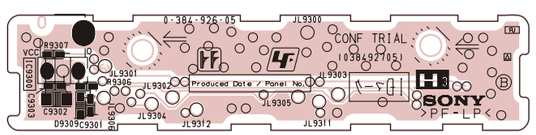

## ~ H2/H2P Printed Wiring Board Conductor Side B ~




## ~ H3/H3P Printed Wiring Board Conductor Side A ~

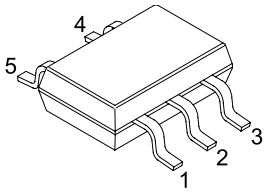



## ~ H3/H3P Printed Wiring Board Conductor Side B ~

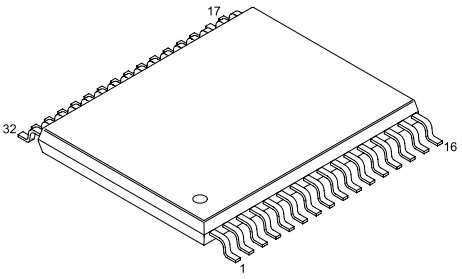


## 4-4. SEMICONDUCTORS

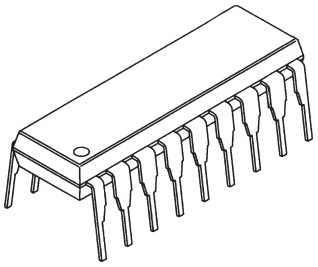
74LVC14APW
74LVC541APW



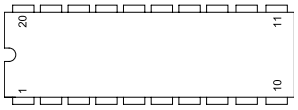

K9F2808U0C-PCB0T



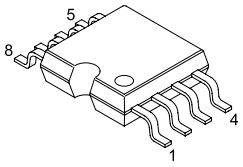

MCZ3001DB



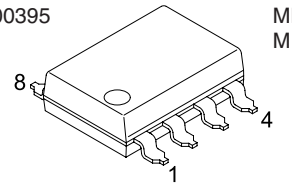
74LVT245PW-T



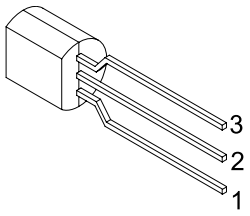

BR24L02F-WE2



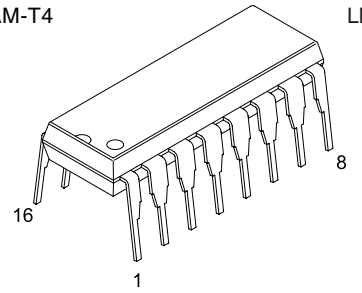

LM3525MX-H/J5000395



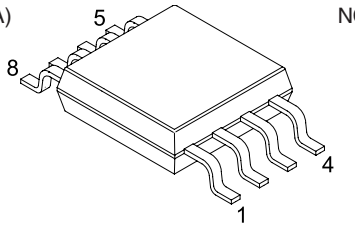

MM1431ATT
MM1431ATT(CN)



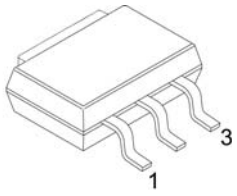

CXA1875AM-T4



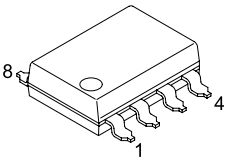

LM393DT (A)



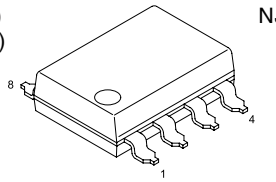

NCP1117STAT3



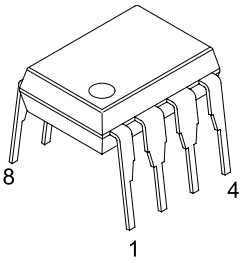

FA5501AN-D1-TE1



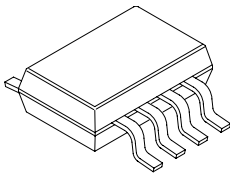

M24C02-WMN6T(B)
M24C32-WMN6T(B)



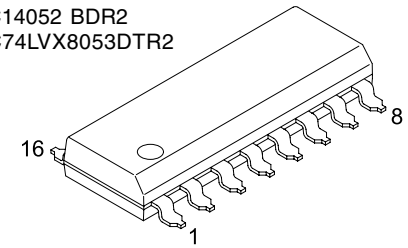

NJM2904M




ICS7150MLFT



MC14052 BDR2
MC74LVX8053DTR2

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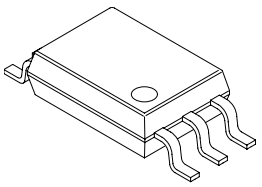
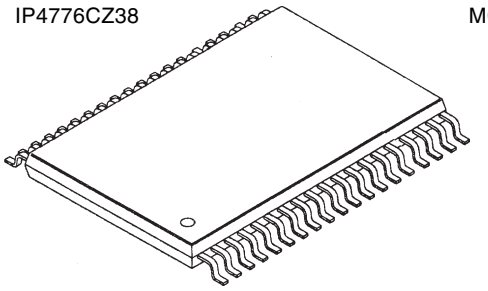
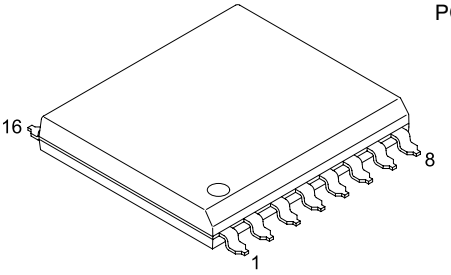


IP4776CZ38



MC74LVXT4053DTR2

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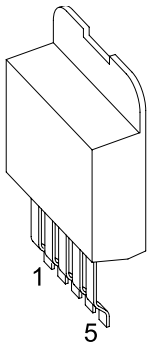
PQ1CY1032ZP



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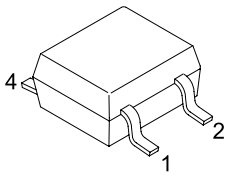


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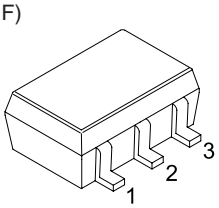


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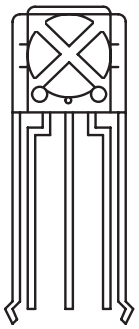

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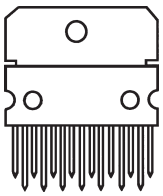

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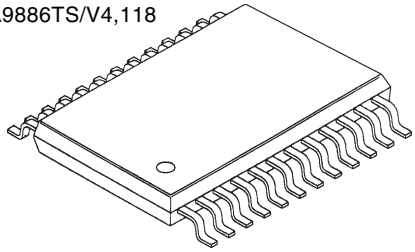
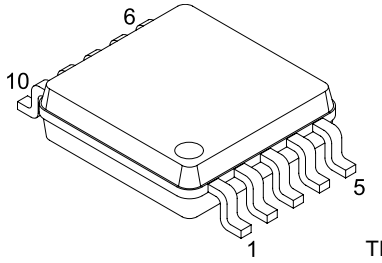
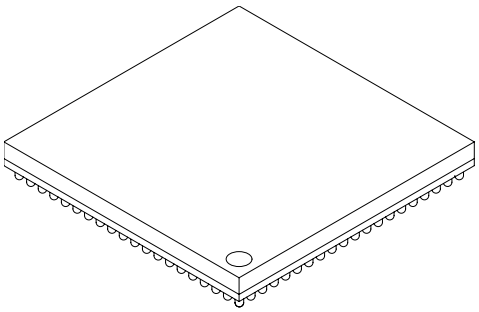


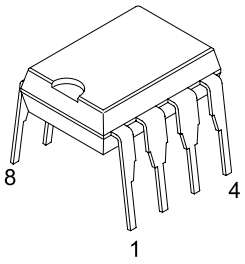
RV5C387A-E2-FB



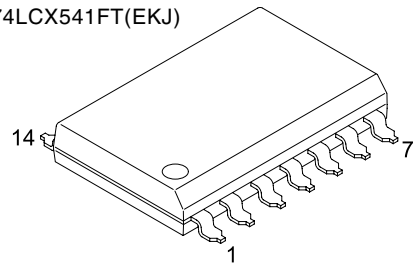

TDA9974AHS/8/C112
UPD61123F1-100-KA3-A
VCT6973G



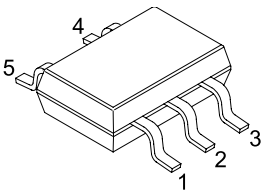
STR-A6169
TL1431CZ-AP




TC74LCX541FT(EKJ)




TAR5S50(TE85R)
TC7S66FU
TK11185CSCL-G



# SECTION 5
# EXPLODED VIEWS

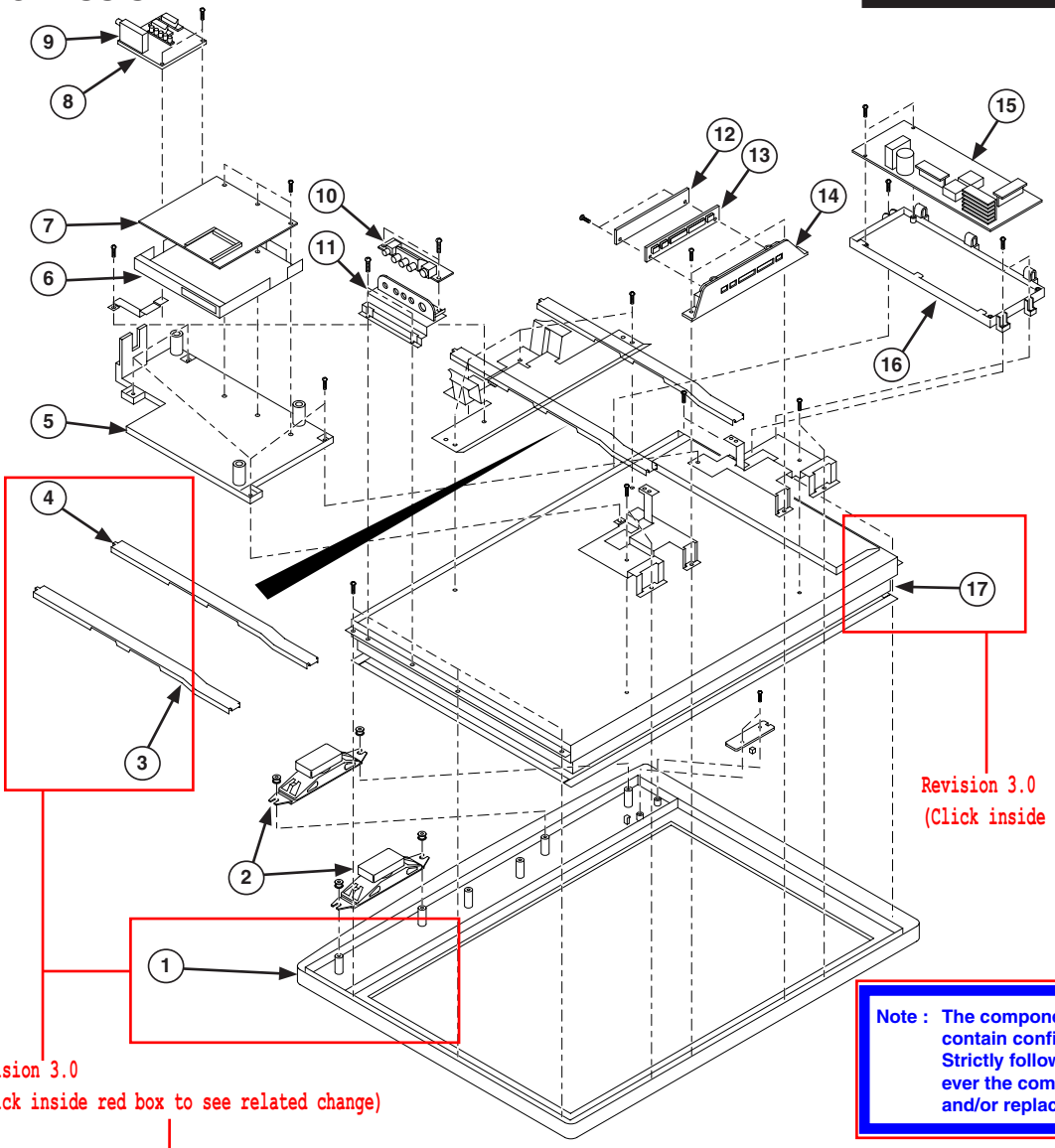
**Note :** Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

**NOTE :**

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

## 5-1. CHASSIS

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**Note :** The components identified by mark 🔒 contain confidential information. Strictly follow the instructions when ever the components are repaired and/or replaced.

| REF.NO. | | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|---|
| 1 | | X-2109-945-1 | BEZEL ASSY (26) SILVER (26U2000UK/AEP) | |
| | | X-2177-005-1 | BEZEL ASSY (26) GREY (26U2000UK/AEP) | |
| | | X-2109-674-1 | BEZEL ASSY (32) SILVER (32U2000UK/AEP) | |
| | | X-2176-987-1 | BEZEL ASSY (32) GREY (32U2000UK/AEP) | |
| | | X-2109-938-1 | BEZEL ASSY (40) SILVER (40U2000UK/AEP) | |
| | | X-2177-008-1 | BEZEL ASSY (40) GREY (40U2000UK/AEP) | |
| 2 | | 1-826-479-11 | LOUDSPEAKER (4.2X15CM) (26/32U2000UK/AEP) | |
| | | 1-826-478-11 | LOUDSPEAKER (4.2X24CM) (40U2000UK/AEP) | |
| 3 | | *2-674-183-01 | VESA BRACKET (26/32U2000UK/AEP) | |
| | | *X-2109-059-3 | VESA BRACKET (40) R ASSY (40U2000UK/AEP) | |
| 4 | | *2-674-183-01 | VESA BRACKET (26/32U2000UK/AEP) | |
| | | *X-2109-058-3 | VESA BRACKET (40) L ASSY (40U2000UK/AEP) | |
| 5 | | *2-679-993-01 | BRACKET (A) DIG | |
| 6 | | *2-674-192-01 | BRACKET, TERMINAL SIDE | |
| 7 | 🔒 | *A-1198-236-A | BDT BOARD, COMPLETE (40U2000UK/AEP) | |
| 8 | | *A-1189-407-A | A1 BOARD, COMPLETE (26/32U2000UK/AEP) | |
| | | *A-1202-962-A | A1P BOARD, COMPLETE (40U2000UK/AEP) | |
| 9 | | 8-597-585-00 | TUNER, FSS BTP-HC401 | |

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| 10 | *A-1189-409-A | H2 BOARD, COMPLETE (26/32U2000UK/AEP) | |
| | *A-1202-964-A | H2P BOARD, COMPLETE (40U2000UK/AEP) | |
| 11 | *2-679-988-01 | HOLDER, SIDE JACK (26) (26U2000UK/AEP) | |
| | *2-674-302-01 | HOLDER, SIDE JACK (32) (32U2000UK/AEP) | |
| | *2-679-989-01 | HOLDER, SIDE JACK (40) (40U2000UK/AEP) | |
| 12 | *A-1189-408-A | H1 BOARD, COMPLETE (26/32U2000UK/AEP) | |
| | *A-1202-963-A | H1P BOARD, COMPLETE (40U2000UK/AEP) | |
| 13 | 2-674-197-01 | BUTTON, MULTI | |
| 14 | 2-674-196-01 | COVER, BUTTON | |
| 15 | *A-1189-415-A | G1 BOARD, COMPLETE (26/32U2000UK/AEP) | |
| | *A-1189-416-A | G2 BOARD, COMPLETE (40U2000UK/AEP) | |
| 16 | *2-674-181-11 | BRACKET G1 (26U2000UK/AEP) | |
| | *2-674-181-01 | BRACKET G1 (32U2000UK/AEP) | |
| | *2-674-180-01 | BRACKET G2 (40U2000UK/AEP) | |
| 17 | 1-802-187-11 | LCD PANEL (26 WXGA TFT) (26U2000UK/AEP) | |
| | 1-802-188-11 | LCD PANEL (32 WXGA TFT) (32U2000UK/AEP) | |
| | 1-802-386-21 | LCD PANEL (40 WXGA TFT) (40U2000UK/AEP) | |

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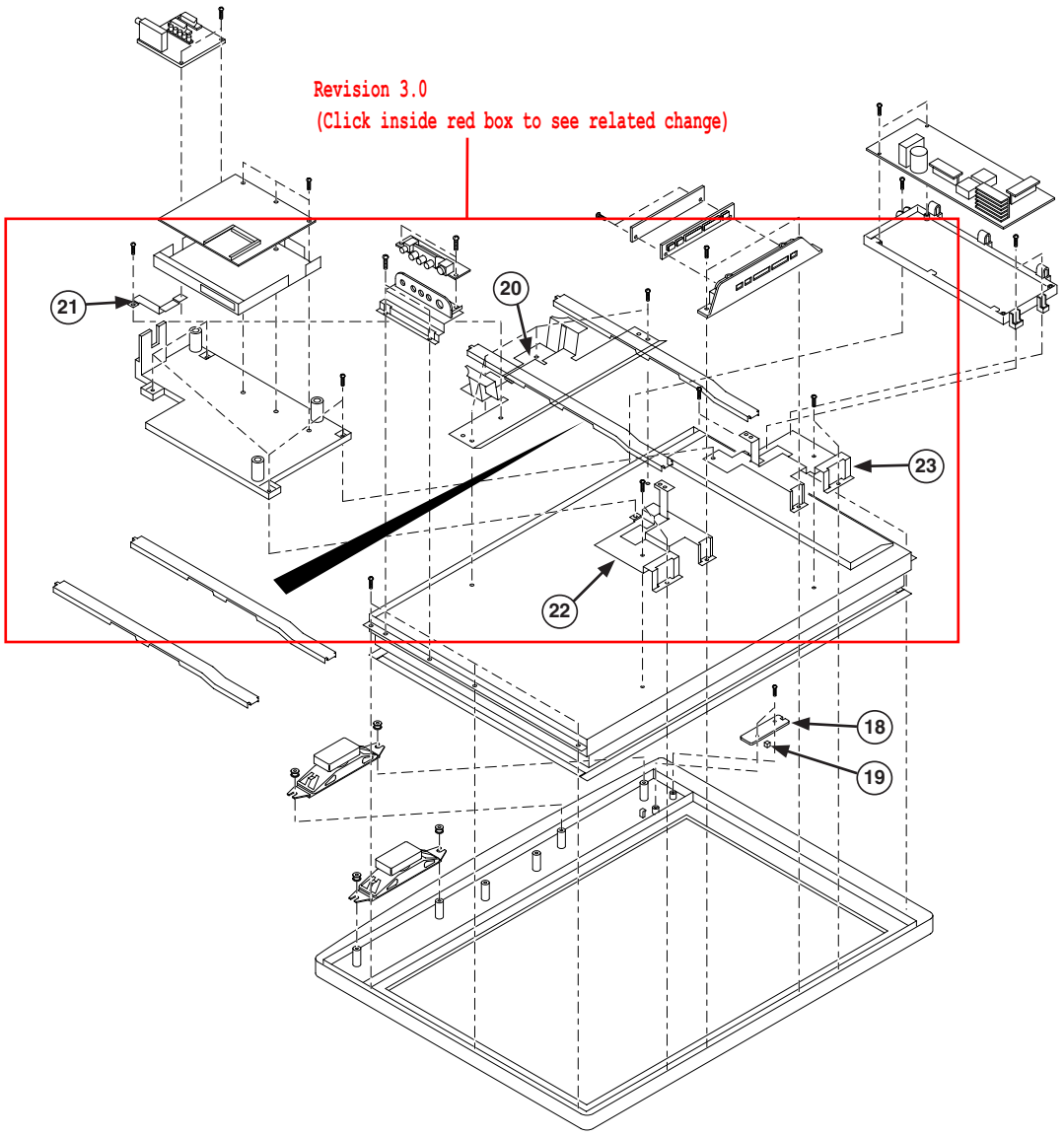
## 5-1. CHASSIS Cont.




| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| 18 | *A-1189-410-A | H3 BOARD, COMPLETE (26/32U2000UK/AEP) | |
| | *A-1202-965-A | H3P BOARD, COMPLETE (40U2000UK/AEP) | |
| 19 | 2-674-189-01 | GUIDE, LIGHT | |
| 20 | NOT SERVICEABLE PART | | |
| 21 | NOT SERVICEABLE PART | | |
| 22 | NOT SERVICEABLE PART | | |
| 23 | NOT SERVICEABLE PART | | |

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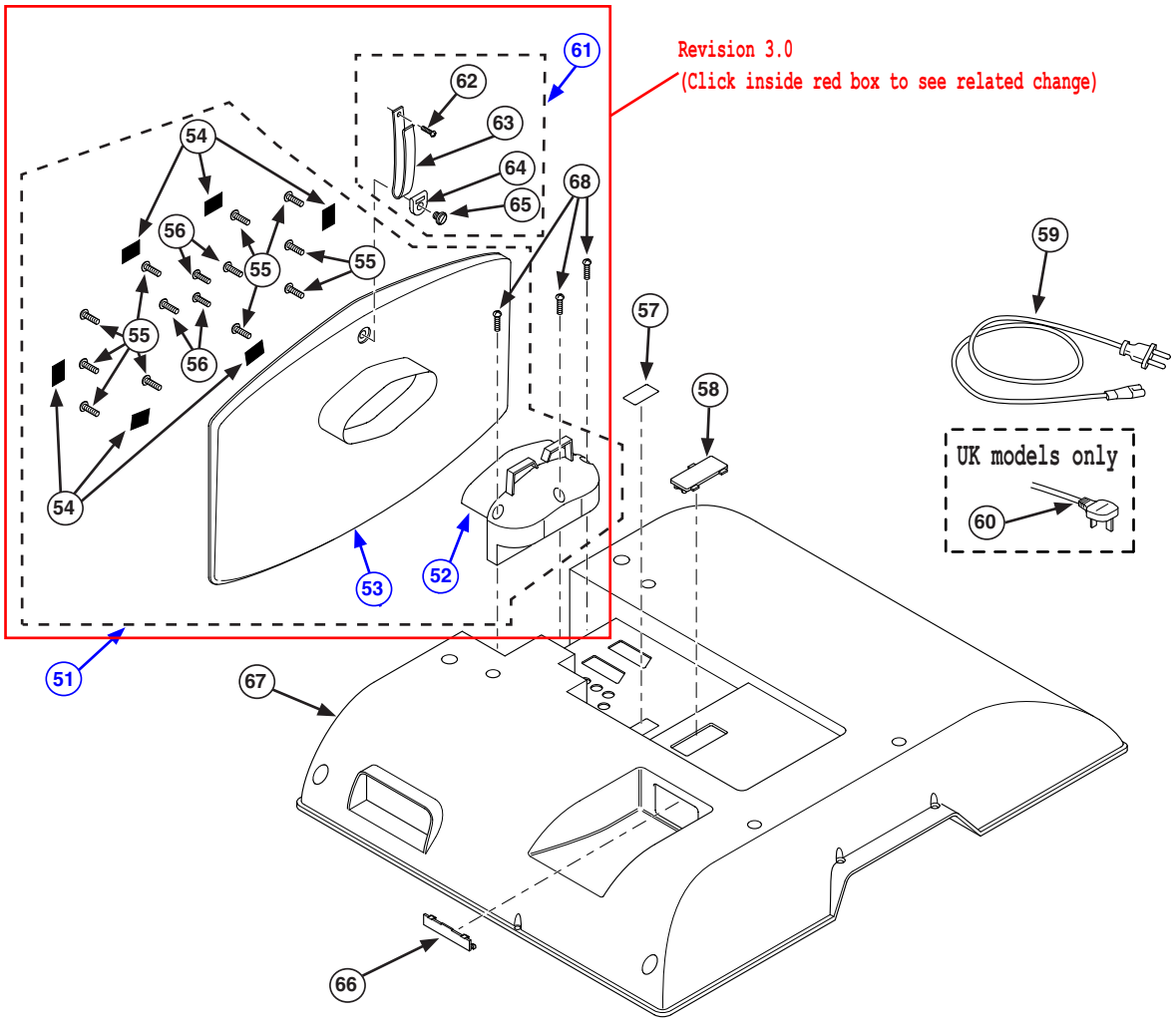
Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

## 5-2. STAND, REAR COVER, POWER LEADS

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| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| 51 | *X-2177-004-1 | STAND(M)ASSY 26 | (26U2000UK/AEP) 52-56 |
| | *X-2176-991-1 | STAND(M)ASSY 32 | (32U2000UK/AEP) 52-56 |
| | *X-2177-007-1 | STAND(L)ASSY 40 | (40U2000UK/AEP) 52-56 |
| 52 | *2-674-301-11 | NECK, STAND | (26U2000UK/AEP) |
| | *2-674-301-01 | NECK, STAND | (32U2000UK/AEP) |
| | *2-674-301-22 | NECK, STAND | (40U2000UK/AEP) |
| 53 | 2-674-194-21 | COVER, STAND (M) | (26/32U2000UK/AEP) |
| | 2-674-314-01 | COVER, STAND (L) | (40U2000UK/AEP) |
| 54 | 4-100-951-02 | FOOT, STAND | |
| 55 | 2-580-644-01 | SCREW, KTP2 3X8 | (26/32U2000UK/AEP) |
| | 2-580-647-01 | SCREW, KTP2 4X12 | (40U2000UK/AEP) |
| 56 | 2-580-640-01 | SCREW, +BVTP2 4X16 | |
| 57 | 2-021-173-12 | COVER, ECS (20) | |
| 58 | 2-667-973-02 | COVER, SERVICE C | |

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| REF.NO. | | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|---|
| 59 | ⚠ | 1-832-132-11 | POWER SUPPLY CORD | (26/32/40U2000AEP) |
| 60 | ⚠ | 1-832-170-11 | POWER SUPPLY CORD (UK PLUG) | (26/32/40U2000UK) |
| 61 | | *X-2102-511-2 | BAG ASSY, RUDDER LOCK | (62-65) |
| 62 | | *2-580-663-01 | SCREW, WOOD 3.8X20 | |
| 63 | | *2-591-689-01 | BELT | |
| 64 | | *2-591-688-02 | RUDDER LOCK | |
| 65 | | *2-593-320-02 | SCREW, COIN (M6X18) | |
| 66 | | 2-667-975-01 | COVER, PCMCIA | |
| 67 | | 2-674-304-03 | COVER, REAR (26) | (26U2000UK/AEP) |
| | | 2-674-191-03 | COVER, REAR (32) | (32U2000UK/AEP) |
| | | 2-674-312-01 | COVER, REAR (40) | (40U2000UK/AEP) |
| 68 | | 2-580-608-01 | SCREW, +PSW M5X16 | (26/32U2000UK/AEP) |
| | | 2-580-609-01 | SCREW, +PSW M5X25 | (40U2000UK/AEP) |

# SECTION 6
# ELECTRICAL PARTS LIST

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**Note:** The BDT Board is regarded as a non service item for exchange only if there is a fault with either IC3006 or IC5630.

**Note :** Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
Parts indicated (XX) on the Schematic Diagram are not used in this model and therefore do not appear in the Parts List.

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| ***A-1189-407-A A1 Board Complete (KDL-26/32U2000)** | | | |
| ***A-1202-962-A A1P Board Complete (KDL-40U2000)** | | | |
| | *2-586-040-02 | SHIELD CASE, IFOB (MAIN) | |
| | *2-586-041-01 | SHIELD CASE, IFOB (TOP) | |
| | *2-586-042-02 | SHIELD CASE, IFOB (BOTTOM) | |
| | | < CAPACITOR > | |
| C1000 | 1-126-947-11 | ELECT 47UF | 20.00% 35V |
| C1001 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C1102 | 1-162-925-11 | CERAMIC CHIP 68PF | 5.00% 50V |
| C1103 | 1-162-925-11 | CERAMIC CHIP 68PF | 5.00% 50V |
| C1104 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C1105 | 1-126-968-11 | ELECT 100UF | 20.00% 50V |
| C1106 | 1-126-916-11 | ELECT 1000UF | 20.00% 6.3V |
| C1107 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C1108 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C1200 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C1202 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C1203 | 1-104-662-91 | ELECT 22UF | 20.00% 25V |
| C1204 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C1205 | 1-164-392-11 | CERAMIC CHIP 390PF | 5.00% 50V |
| C1206 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C1207 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C1208 | 1-127-715-91 | CERAMIC CHIP 0.22UF | 10% 16V |
| C1209 | 1-125-891-11 | CERAMIC CHIP 0.47UF | 10.00% 10V |
| C1210 | 1-164-315-11 | CERAMIC CHIP 470PF | 5.00% 50V |
| C1211 | 1-131-664-91 | CERAMIC CHIP 0.15UF | 10% 10V |
| C1213 | 1-165-176-11 | CERAMIC CHIP 0.047UF | 10.00% 16V |
| C1216 | 1-162-919-11 | CERAMIC CHIP 22PF | 5.00% 50V |
| C1218 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C1219 | 1-162-926-11 | CERAMIC CHIP 82PF | 5.00% 50V |
| C1220 | 1-162-928-11 | CERAMIC CHIP 120PF | 5.00% 50V |
| C1221 | 1-164-388-91 | CERAMIC CHIP 270PF | 5.00% 50V |
| C1222 | 1-162-915-11 | CERAMIC CHIP 10PF | 0.50PF 50V |
| C1223 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C1226 | 1-162-961-11 | CERAMIC CHIP 330PF | 10.00% 50V |
| C1227 | 1-126-933-11 | ELECT 100UF | 20.00% 16V |
| C2000 | 1-126-933-11 | ELECT 100UF | 20.00% 16V |
| C2025 | 1-164-227-11 | CERAMIC CHIP 0.022UF | 10.00% 25V |
| C2026 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2027 | 1-164-227-11 | CERAMIC CHIP 0.022UF | 10.00% 25V |
| C2028 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2043 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2044 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2048 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C2049 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C2053 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2054 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2055 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2056 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2057 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2058 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2059 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2060 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2065 | 1-164-227-11 | CERAMIC CHIP 0.022UF | 10.00% 25V |
| C2066 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2067 | 1-164-227-11 | CERAMIC CHIP 0.022UF | 10.00% 25V |
| C2068 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2069 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2070 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2071 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C2072 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C2073 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2074 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C2079 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2080 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C2081 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C2084 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C2085 | 1-117-370-11 | CERAMIC CHIP 10UF | 10V |
| C2086 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C2087 | 1-117-370-11 | CERAMIC CHIP 10UF | 10V |
| | | < CONNECTOR > | |
| CN2021 | *1-417-602-11 | SOCKET 21PIN | |
| CN2022 | 1-819-390-51 | FFC/FPC CONNECTOR (ZIF) 49P | |
| CN2023 | *1-417-602-11 | SOCKET 21PIN | |
| CN2024 | 1-820-255-51 | FFC/FPC CONNECTOR (ZIF) 20P | |
| | | < DIODE > | |
| D1100 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D1101 | 8-719-083-87 | DIODE UDZS-TE17-33B | |
| D1102 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D1200 | 8-719-050-38 | DIODE M1MA152WK-T1 | |
| D2021 | 8-719-083-82 | DIODE UDZS-TE17-12B | |
| D2022 | 8-719-083-82 | DIODE UDZS-TE17-12B | |
| D2023 | 8-719-083-82 | DIODE UDZS-TE17-12B | |
| D2024 | 8-719-083-82 | DIODE UDZS-TE17-12B | |
| D2025 | 8-719-083-63 | DIODE UDZSTE-1713B | |
| D2026 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2027 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2028 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2029 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D2030 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2031 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2037 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2038 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2039 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2040 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2041 | 8-719-069-60 | DIODE UDZSTE-179.1B | |

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| D2042 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2043 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2044 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2045 | 8-719-083-63 | DIODE UDZSTE-1713B | |
| D2046 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2047 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2048 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2049 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D2050 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2052 | 8-719-083-63 | DIODE UDZSTE-1713B | |
| D2058 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2059 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2061 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2062 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2063 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2064 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2065 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D2066 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D2067 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D2068 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D2069 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D2070 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D2071 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| | | < EARTH TERMINAL > | |
| ET6501 | 1-780-336-11 | EARTH TERMINAL | |
| ET6502 | 1-780-336-11 | EARTH TERMINAL | |
| | | < FERRITE BEAD > | |
| FB1100 | 1-469-185-11 | FERRITE 0UH | |
| FB1101 | 1-469-185-11 | FERRITE 0UH | |
| | | < IC > | |
| IC1000 | 6-704-465-01 | IC MC74LVX8053DTR2 | |
| IC1200 | 6-704-747-01 | IC TDA9886TS/V4,118 | |
| IC2000 | 8-759-385-76 | IC MC14052 BDR2 | |
| | | < SOCKET > | |
| J2021 | 1-819-327-11 | PHONO JACK 2P | |
| J2022 | 1-819-327-11 | PHONO JACK 2P | |
| J2023 | 1-820-021-11 | JACK | |
| J2024 | 1-819-354-11 | PHONO JACK 5P | |
| | | < COIL > | |
| L1000 | 1-414-934-21 | INDUCTOR 10UH | |
| L1100 | 1-412-987-31 | INDUCTOR 4.7UH | |
| L1101 | 1-412-987-31 | INDUCTOR 4.7UH | |
| L1102 | 1-414-580-21 | INDUCTOR 100NH | |
| L1103 | 1-414-580-21 | INDUCTOR 100NH | |
| L1104 | 1-414-934-21 | INDUCTOR 10UH | |
| L1105 | 1-414-580-21 | INDUCTOR 100NH | |
| L1107 | 1-414-934-21 | INDUCTOR 10UH | |
| L1200 | 1-414-934-21 | INDUCTOR 10UH | |
| L1201 | 1-410-993-42 | INDUCTOR 1UH | |
| L1223 | 1-410-509-11 | INDUCTOR 10UH | |
| L2000 | 1-414-934-21 | INDUCTOR 10UH | |
| | | < TRANSISTOR > | |
| Q1200 | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q1201 | 8-729-421-19 | TRANSISTOR UN2213 | |
| Q1202 | 8-729-421-19 | TRANSISTOR UN2213 | |
| Q1203 | 8-729-422-33 | TRANSISTOR 2SD601A-Q-TX | |
| Q1204 | 8-729-421-19 | TRANSISTOR UN2213 | |
| Q1205 | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| Q2000 | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q2001 | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q2002 | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| Q2003 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2004 | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| Q2005 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| | | < RESISTOR > | |
| R1001 | 1-216-809-11 | METAL CHIP 100 5% 1/10W | |
| R1002 | 1-216-809-11 | METAL CHIP 100 5% 1/10W | |
| R1003 | 1-216-864-11 | SHORT CHIP 0 | |
| R1004 | 1-216-864-11 | SHORT CHIP 0 | |
| R1006 | 1-216-864-11 | SHORT CHIP 0 | |
| R1007 | 1-216-864-11 | SHORT CHIP 0 | |
| R1008 | 1-216-864-11 | SHORT CHIP 0 | |
| R1009 | 1-216-864-11 | SHORT CHIP 0 | |
| R1010 | 1-216-864-11 | SHORT CHIP 0 | |
| R1101 | 1-216-049-11 | RES-CHIP 1K 5% 1/10W | |
| R1201 | 1-216-837-11 | METAL CHIP 22K 5% 1/10W | |
| R1202 | 1-216-821-11 | METAL CHIP 1K 5% 1/10W | |
| R1203 | 1-216-837-11 | METAL CHIP 22K 5% 1/10W | |
| R1204 | 1-216-825-11 | METAL CHIP 2.2K 5% 1/10W | |
| R1206 | 1-216-825-11 | METAL CHIP 2.2K 5% 1/10W | |
| R1207 | 1-216-825-11 | METAL CHIP 2.2K 5% 1/10W | |
| R1208 | 1-216-864-11 | SHORT CHIP 0 | |
| R1210 | 1-216-817-11 | METAL CHIP 470 5% 1/10W | |
| R1212 | 1-216-830-11 | METAL CHIP 5.6K 5% 1/10W | |
| R1213 | 1-216-811-11 | METAL CHIP 150 5% 1/10W | |
| R1214 | 1-216-827-11 | METAL CHIP 3.3K 5% 1/10W | |
| R1215 | 1-216-817-11 | METAL CHIP 470 5% 1/10W | |
| R1216 | 1-216-834-11 | METAL CHIP 12K 5% 1/10W | |
| R1217 | 1-216-864-11 | SHORT CHIP 0 | |
| R1218 | 1-216-809-11 | METAL CHIP 100 5% 1/10W | |
| R1219 | 1-216-864-11 | SHORT CHIP 0 | |

| REF.NO. | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|
| R1220 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1221 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1222 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1223 | 1-216-824-11 | METAL CHIP | 1.8K | 5% | 1/10W |
| R1224 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1225 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1226 | 1-216-819-11 | METAL CHIP | 680 | 5% | 1/10W |
| R1228 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1229 | 1-218-867-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R1230 | 1-216-822-11 | METAL CHIP | 1.2K | 5% | 1/10W |
| R1232 | 1-216-807-11 | METAL CHIP | 68 | 5% | 1/10W |
| R1233 | 1-216-807-11 | METAL CHIP | 68 | 5% | 1/10W |
| R1234 | 1-216-814-11 | METAL CHIP | 270 | 5% | 1/10W |
| R1235 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1237 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1238 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1239 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1240 | 1-216-801-11 | METAL CHIP | 22 | 5% | 1/10W |
| R1241 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1301 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1302 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1305 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1306 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1307 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1308 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2000 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2001 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2002 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2003 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2004 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2005 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2006 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2007 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2008 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R2009 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R2010 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2011 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2012 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2013 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2014 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2015 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R2016 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R2017 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R2018 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R2019 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R2020 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R2021 | 1-216-295-91 | SHORT CHIP | 0 | | |
| R2022 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R2023 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R2024 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |

| REF.NO. | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|
| R2025 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R2026 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2028 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2029 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2030 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2031 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2032 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R2033 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R2034 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R2035 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2036 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R2037 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2038 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2039 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2040 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2041 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2042 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2043 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2044 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2045 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2046 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2047 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2048 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2049 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2050 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2051 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2052 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2053 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2054 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2055 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2056 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2057 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2058 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2059 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2060 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2061 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2062 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2063 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2064 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2065 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2066 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2067 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2068 | 1-216-033-00 | RES-CHIP | 220 | 5% | 1/10W |
| R2069 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2070 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2071 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2072 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2073 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2074 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R2075 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |

| REF.NO. | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|
| R2076 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2077 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2078 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2079 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2080 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2081 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2082 | 1-216-295-91 | SHORT CHIP | 0 | | |
| R2083 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2084 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2085 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R2086 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R2087 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2088 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2089 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2090 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2091 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2092 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R2093 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R2094 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R2095 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R2097 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2098 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2099 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2100 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2101 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2102 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2103 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2104 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2105 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2106 | 1-216-033-00 | RES-CHIP | 220 | 5% | 1/10W |
| R2107 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2108 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2109 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2110 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R2111 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2112 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2113 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2114 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2115 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2116 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/10W |
| R2117 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2118 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2119 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |
| R2120 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |
| R2121 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |
| R2122 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R2123 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R2124 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |
| R2125 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |
| R2126 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |
| R2127 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R2129 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2132 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R2134 | 1-216-836-11 | METAL CHIP | 18K | 5% | 1/10W |
| R2135 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R2136 | 1-216-811-11 | METAL CHIP | 150 | 5% | 1/10W |
| R2137 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R2138 | 1-216-811-11 | METAL CHIP | 150 | 5% | 1/10W |
| R2139 | 1-216-811-11 | METAL CHIP | 150 | 5% | 1/10W |
| R2140 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R2141 | 1-216-811-11 | METAL CHIP | 150 | 5% | 1/10W |
| R2142 | 1-216-836-11 | METAL CHIP | 18K | 5% | 1/10W |
| R2143 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R2145 | 1-216-864-11 | SHORT CHIP | 0 | | |
| | | < FILTER > | | | |
| SW1200 | 1-795-617-11 | SAW FILTER | | | |
| SW1201 | 1-767-083-11 | FILTER, SURFACE WAVE | | | |
| | | < TUNER > | | | |
| TU1300 | 8-597-585-00 | TUNER, FSS BTP-HC401 | | | |
| | | < CRYSTAL > | | | |
| X1200 | 1-767-704-11 | VIBRATOR, CRYSTAL | | | |

***A-1189-409-A H2 Board, Complete (KDL-26/32U2000)**
***A-1202-964-A H2P Board, Complete (KDL-40U2000)**

| | | | | |
|---|---|---|---|---|
| | | < CAPACITOR > | | |
| C2902 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% | 50V |
| C2903 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% | 50V |
| C2904 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% | 50V |
| C2905 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% | 50V |
| C2930 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% | 50V |
| C2931 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% | 50V |
| C9041 | 1-125-891-11 | CERAMIC CHIP 0.47UF | 10.00% | 10V |
| C9049 | 1-164-505-11 | CERAMIC CHIP 2.2UF | | 16V |
| C9050 | 1-164-505-11 | CERAMIC CHIP 2.2UF | | 16V |
| C9077 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% | 50V |
| C9078 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% | 10V |
| C9079 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% | 50V |
| C9080 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% | 10V |
| C9081 | 1-162-927-11 | CERAMIC CHIP 100PF | 5.00% | 50V |
| C9082 | 1-162-927-11 | CERAMIC CHIP 100PF | 5.00% | 50V |
| | | < CONNECTOR > | | |
| CN9855 | *1-819-335-11 | HEADER ASSEMBLY FOR PWB, 9P | | |
| CN9856 | 1-779-993-11 | PIN, CONNECTOR (PWB) 5P | | |
| CN9857 | *1-764-250-11 | PIN, CONNECTOR (PC BOARD) 4P | | |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| | | < DIODE > | |
| D9036 | 8-719-977-28 | DIODE DTZ10B | |
| D9038 | 8-719-977-28 | DIODE DTZ10B | |
| D9058 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| D9059 | 8-719-069-60 | DIODE UDZSTE-179.1B | |
| | | < SOCKET > | |
| J2901 | 1-750-264-31 | JACK | |
| J9006 | 1-794-442-21 | TERMINAL BLOCK (LIGHT ANGLE),S | |
| | | < RESISTOR > | |
| R2901 | 1-220-259-11 | METAL CHIP 150 5% 1/4W | |
| R2902 | 1-220-259-11 | METAL CHIP 150 5% 1/4W | |
| R2903 | 1-220-259-11 | METAL CHIP 150 5% 1/4W | |
| R2904 | 1-220-259-11 | METAL CHIP 150 5% 1/4W | |
| R9104 | 1-218-285-11 | METAL CHIP 75 5% 1/10W | |
| R9105 | 1-216-811-11 | METAL CHIP 150 5% 1/10W | |
| R9109 | 1-216-811-11 | METAL CHIP 150 5% 1/10W | |
| R9113 | 1-216-809-11 | METAL CHIP 100 5% 1/10W | |
| R9116 | 1-216-864-11 | SHORT CHIP 0 | |
| R9136 | 1-216-853-11 | METAL CHIP 470K 5% 1/10W | |
| R9137 | 1-216-821-11 | METAL CHIP 1K 5% 1/10W | |
| R9138 | 1-216-853-11 | METAL CHIP 470K 5% 1/10W | |
| R9139 | 1-216-821-11 | METAL CHIP 1K 5% 1/10W | |
| R9142 | 1-216-864-11 | SHORT CHIP 0 | |
| R9853 | 1-216-864-11 | SHORT CHIP 0 | |
| R9854 | 1-216-864-11 | SHORT CHIP 0 | |
| | | < VARISTOR > | |
| VD9023 | 1-803-974-21 | VARISTOR, CHIP | (1608) |
| VD9024 | 1-803-974-21 | VARISTOR, CHIP | (1608) |

***A-1189-410-A H3 Board Complete (KDL-26/32U2000)**
***A-1202-965-A H3P Board Complete (KDL-40U2000)**

| | | | |
|---|---|---|---|
| | | < CAPACITOR > | |
| C9301 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C9302 | 1-119-667-11 | CERAMIC CHIP 22UF | 10V |
| | | < CONNECTOR > | |
| CN9300 | 1-770-627-21 | PIN, CONNECTOR 10P | |
| | | < DIODE > | |
| D9302 | 8-719-085-26 | DIODE CL-165HR/SYG-D-T | |
| D9309 | 8-719-036-94 | DIODE RD5.6SB-T1 | |
| D9312 | 6-500-817-01 | DIODE (LED) SML-512UWT86 | |
| D9313 | 8-719-078-21 | DIODE SML-310PTT86 | |
| | | < IC > | |
| IC9300 | 6-600-271-01 | IC RPM7140-H8 | |
| | | < TRANSISTOR > | |
| Q9300 | 8-729-907-00 | TRANSISTOR DTC114EU | |
| Q9301 | 8-729-907-00 | TRANSISTOR DTC114EU | |
| Q9302 | 8-729-907-00 | TRANSISTOR DTC114EU | |
| Q9303 | 8-729-907-00 | TRANSISTOR DTC114EU | |
| | | < RESISTOR > | |
| R9300 | 1-216-820-11 | METAL CHIP 820 5% 1/10W | |
| R9301 | 1-216-819-11 | METAL CHIP 680 5% 1/10W | |
| R9306 | 1-216-817-11 | METAL CHIP 470 5% 1/10W | |
| R9307 | 1-216-805-11 | METAL CHIP 47 5% 1/10W | |
| R9309 | 1-216-818-11 | METAL CHIP 560 5% 1/10W | |
| R9310 | 1-216-825-11 | METAL CHIP 2.2K 5% 1/10W | |
| R9311 | 1-216-818-11 | METAL CHIP 560 5% 1/10W | |

***A-1189-416-A G2 Board Complete (KDL-40U2000 only)**

| | | | |
|---|---|---|---|
| | 4-382-854-11 | SCREW (M3X10), P, SW (+) | |
| | | < CAPACITOR > | |
| C6002 ⚠ | 1-119-892-51 | CERAMIC 470PF | 10.00% 250V |
| C6003 ⚠ | 1-161-964-91 | CERAMIC 0.0047UF | 250V |
| C6004 ⚠ | 1-113-924-11 | CERAMIC 0.0047UF | 20.00% 250V |
| C6005 ⚠ | 1-119-892-51 | CERAMIC 470PF | 10.00% 250V |
| C6007 ⚠ | 1-165-529-11 | MYLAR 0.22UF | 10 275V |
| C6009 ⚠ | 1-165-531-11 | MYLAR 1UF | 10 275V |
| C6010 ⚠ | 1-161-964-91 | CERAMIC 0.0047UF | 250V |
| C6011 ⚠ | 1-119-892-51 | CERAMIC 470PF | 10.00% 250V |
| C6013 ⚠ | 1-119-892-51 | CERAMIC 470PF | 10.00% 250V |
| C6014 ⚠ | 1-113-924-11 | CERAMIC 0.0047UF | 20.00% 250V |
| C6016 | 1-162-969-11 | CERAMIC CHIP 0.0068UF | 10.00% 25V |
| C6017 | 1-117-227-11 | MYLAR 1UF | 10.00% 450V |
| C6018 | 1-117-227-11 | MYLAR 1UF | 10.00% 450V |
| C6020 | 1-100-613-81 | CERAMIC 470PF | 5% 1KV |
| C6021 | 1-100-613-81 | CERAMIC 470PF | 5% 1KV |
| C6024 | 1-107-823-11 | CERAMIC CHIP 0.47UF | 10.00% 16V |
| C6026 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C6027 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6031 | 1-107-882-91 | ELECT 100UF | 20% 16V |
| C6032 | 1-127-573-11 | CERAMIC CHIP 1UF | 10% 16V |
| C6035 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C6036 | 1-115-339-11 | CERAMIC CHIP 0.1UF | 10.00% 50V |
| C6038 | 1-107-906-11 | ELECT 10UF | 20% 50V |
| C6039 | 1-135-361-11 | ELECT(BLOCK) 180UF | 20% 450V |
| C6040 | 1-135-361-11 | ELECT(BLOCK) 180UF | 20% 450V |
| C6041 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6042 | 1-115-339-11 | CERAMIC CHIP 0.1UF | 10.00% 50V |
| C6043 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6044 | 1-107-905-11 | ELECT 4.7UF | 20% 50V |
| C6045 | 1-107-910-11 | ELECT 100UF | 20% 50V |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.



| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| C6046 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6047 | 1-100-831-91 | CERAMIC CHIP 0.001UF | 2% 50V |
| C6049 | 1-107-906-11 | ELECT 10UF | 20% 50V |
| C6051 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C6052 | 1-163-021-91 | CERAMIC CHIP 0.01UF | 10.00% 50V |
| C6053 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C6054 | 1-115-340-11 | CERAMIC CHIP 0.22UF | 10.00% 25V |
| C6055 | 1-107-888-11 | ELECT 47UF | 20% 25V |
| C6056 | 1-125-891-11 | CERAMIC CHIP 0.47UF | 10.00% 10V |
| C6059 | 1-100-613-81 | CERAMIC 470PF | 5% 1KV |
| C6060 | 1-100-310-11 | FILM 18000PF | 3% 800V |
| C6061 | 1-125-891-11 | CERAMIC CHIP 0.47UF | 10.00% 10V |
| C6062 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C6064 | 1-164-227-11 | CERAMIC CHIP 0.022UF | 10.00% 25V |
| C6066 | 1-128-959-31 | ELECT 1000UF | 20% 35V |
| C6067 | 1-112-242-21 | ELECT 1500UF | 20% 25V |
| C6068 | 1-107-928-11 | ELECT 4.7UF | 20% 100V |
| C6069 | 1-112-242-21 | ELECT 1500UF | 20% 25V |
| C6070 | 1-112-229-21 | ELECT 1500UF | 20% 16V |
| C6071 | 1-112-242-21 | ELECT 1500UF | 20% 25V |
| C6073 | 1-107-907-11 | ELECT 22UF | 20% 50V |
| C6080 | 1-125-889-91 | CERAMIC CHIP 2.2UF | 10% 10V |
| C6200 | 1-107-974-11 | CERAMIC 47PF | 5.00% 2KV |
| C6201 | 1-107-903-11 | ELECT 2.2UF | 20% 50V |
| C6202 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C6203 | 1-165-127-11 | CERAMIC 470PF | 10.00% 500V |
| C6205 | 1-107-905-11 | ELECT 4.7UF | 20% 50V |
| C6206 | 1-107-910-11 | ELECT 100UF | 20% 50V |
| C6209 | 1-165-729-31 | ELECT 470UF | 20% 16V |
| C6210 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C6300 | 1-164-230-11 | CERAMIC CHIP 220PF | 5.00% 50V |
| C6301 | 1-126-960-11 | ELECT 1UF | 20.00% 50V |
| C6302 | 1-164-230-11 | CERAMIC CHIP 220PF | 5.00% 50V |
| C6303 | 1-126-960-11 | ELECT 1UF | 20.00% 50V |
| C6304 | 1-104-666-11 | ELECT 220UF | 20.00% 25V |
| C6306 | 1-164-489-11 | CERAMIC CHIP 0.22UF | 10.00% 16V |
| C6307 | 1-115-339-11 | CERAMIC CHIP 0.1UF | 10.00% 50V |
| C6308 | 1-126-952-11 | ELECT 1000UF | 20.00% 35V |
| C6309 | 1-126-952-11 | ELECT 1000UF | 20.00% 35V |
| C6310 | 1-164-227-11 | CERAMIC CHIP 0.022UF | 10.00% 25V |
| C6311 | 1-164-227-11 | CERAMIC CHIP 0.022UF | 10.00% 25V |
| C6312 | 1-163-021-91 | CERAMIC CHIP 0.01UF | 10.00% 50V |
| C6313 | 1-163-021-91 | CERAMIC CHIP 0.01UF | 10.00% 50V |
| C6316 | 1-107-907-11 | ELECT 22UF | 20% 50V |

< CONNECTOR >

| | | | |
|---|---|---|---|
| CN6001 | ⚠ *1-691-960-11 | PIN, CONNECTOR (PC BOARD) 3P | |
| CN6003 | *1-785-703-21 | PIN, CONNECTOR (PC BOARD) 6P | |
| CN6004 | *1-785-706-11 | PIN, CONNECTOR (PC BOARD) 10P | |
| CN6005 | *1-793-235-11 | PIN, CONNECTOR (PC BOARD) 13P | |
| CN6300 | *1-564-507-11 | PLUG, CONNECTOR 4P | |

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|

< DIODE >

| | | | |
|---|---|---|---|
| D6000 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6001 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6002 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6003 | 8-719-054-89 | DIODE D15XB60 | |
| D6005 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6006 | 8-719-976-99 | DIODE DTZ5.1B | |
| D6007 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6008 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6011 | 6-501-043-01 | DIODE UMZ16NT106 | |
| D6012 | 8-719-054-59 | DIODE FSF05A60 | |
| D6013 | 6-500-137-01 | DIODE BAT54HT1 | |
| D6014 | 6-501-043-01 | DIODE UMZ16NT106 | |
| D6015 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6017 | 6-500-108-01 | DIODE EP05FA20 | |
| D6018 | 6-500-108-01 | DIODE EP05FA20 | |
| D6019 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6020 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6021 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6023 | 8-719-041-97 | DIODE MA113-(TX) | |
| D6027 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6028 | 8-719-979-64 | DIODE UF4005/23 | |
| D6031 | 6-501-043-01 | DIODE UMZ16NT106 | |
| D6032 | 6-501-043-01 | DIODE UMZ16NT106 | |
| D6033 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6035 | 8-719-057-96 | DIODE D10SC6M-4012 | |
| D6036 | 8-719-057-96 | DIODE D10SC6M-4012 | |
| D6037 | 8-719-057-96 | DIODE D10SC6M-4012 | |
| D6038 | 8-719-057-96 | DIODE D10SC6M-4012 | |
| D6039 | 8-719-057-96 | DIODE D10SC6M-4012 | |
| D6040 | 6-501-505-01 | DIODE FCH08U10 | |
| D6041 | 8-719-082-04 | DIODE MM3Z22VT1 | |
| D6042 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6043 | 6-500-567-31 | DIODE 10ERB20-TB3 | |
| D6044 | 6-500-567-31 | DIODE 10ERB20-TB3 | |
| D6048 | 8-719-083-87 | DIODE UDZS-TE17-33B | |
| D6200 | 6-500-567-31 | DIODE 10ERB20-TB3 | |
| D6201 | 8-719-036-94 | DIODE RD5.6SB-T1 | |
| D6203 | 6-500-849-01 | DIODE ERA22-08KFLB | |
| D6204 | 8-719-052-90 | DIODE D1NL40-TA2 | |
| D6206 | 8-719-052-90 | DIODE D1NL40-TA2 | |
| D6207 | 8-719-032-12 | DIODE D1NS6 | |
| D6300 | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D6302 | 8-719-069-55 | DIODE UDZSTE-175.6B | |

< TERMINAL BOARD >

| | | |
|---|---|---|
| ET6000 | 1-537-770-21 | TERMINAL BOARD, GROUND |
| ET6002 | 1-537-770-21 | TERMINAL BOARD, GROUND |
| ET6003 | 1-537-770-21 | TERMINAL BOARD, GROUND |

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| REF.NO. | | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|---|
| | | | < FUSE > | |
| F6000 | ⚠ | 1-576-233-51 | FUSE 6.3A | 250V |
| FH6002 | ⚠ | 1-533-725-11 | FUSE HOLDER | |
| | | | < FERRITE BEAD > | |
| FB6001 | | 1-410-396-41 | FERRITE 0.45UH | |
| FB6002 | | 1-410-396-41 | FERRITE 0.45UH | |
| | | | < IC > | |
| IC6000 | | 6-709-192-01 | IC FA5501AN-D1-TE1 | |
| IC6001 | | 6-705-810-01 | IC MCZ3001DB | |
| IC6002 | | 6-709-368-01 | IC MM1431ATT (CN) | |
| IC6003 | | 6-709-368-01 | IC MM1431ATT (CN) | |
| IC6004 | | 6-709-368-01 | IC MM1431ATT (CN) | |
| IC6200 | | 6-600-279-01 | IC STR-A6169 | |
| IC6201 | | 8-759-682-42 | IC MM1431ATT | |
| IC6300 | | 8-759-831-57 | IC TDA7495S | |
| | | | < COIL > | |
| L6000 | ⚠ | 1-456-856-21 | LINE FILTER COIL | |
| L6001 | ⚠ | 1-456-856-21 | LINE FILTER COIL | |
| L6002 | | 1-457-218-11 | INDUCTOR 100UH | |
| L6003 | | 1-457-141-11 | INDUCTOR 175UH | |
| L6004 | | 1-414-487-41 | INDUCTOR 1UH | |
| L6005 | | 1-414-487-41 | INDUCTOR 1UH | |
| L6007 | | 1-457-239-11 | INDUCTOR 4.7UH | |
| L6008 | | 1-457-239-11 | INDUCTOR 4.7UH | |
| L6200 | | 1-414-934-21 | INDUCTOR 10UH | |
| | | | < PHOTOCOUPLER > | |
| PH6000 | ⚠ | 6-600-187-01 | PHOTO COUPLER PC123Y22JOOF | |
| PH6001 | ⚠ | 6-600-187-01 | PHOTO COUPLER PC123Y22JOOF | |
| PH6002 | ⚠ | 6-600-187-01 | PHOTO COUPLER PC123Y22JOOF | |
| PH6003 | ⚠ | 6-600-187-01 | PHOTO COUPLER PC123Y22JOOF | |
| PH6200 | ⚠ | 6-600-187-01 | PHOTO COUPLER PC123Y22JOOF | |
| | | | < PROTECTOR MODULE > | |
| PS6301 | ⚠ | 1-533-596-21 | IC LINK 4A | 90V |
| | | | < TRANSISTOR > | |
| Q6001 | | 6-551-403-01 | TRANSISTOR 2SK3797(LBS1SONY. | |
| Q6002 | | 6-551-403-01 | TRANSISTOR 2SK3797(LBS1SONY. | |
| Q6003 | | 8-729-807-17 | TRANSISTOR 2SD1621-S | |
| Q6004 | | 8-729-804-41 | TRANSISTOR 2SB1122-S | |
| Q6005 | | 8-729-026-49 | TRANSISTOR 2SA1037AK-T146-R | |
| Q6006 | | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q6007 | | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q6008 | | 8-729-804-41 | TRANSISTOR 2SB1122-S | |
| Q6009 | | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q6010 | | 8-729-026-49 | TRANSISTOR 2SA1037AK-T146-R | |
| Q6011 | | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q6012 | | 8-729-045-62 | TRANSISTOR 2SK2158-T2B | |
| Q6013 | | 6-551-545-01 | TRANSISTOR 2SK3469-01MR-F111 | |
| Q6014 | | 6-551-545-01 | TRANSISTOR 2SK3469-01MR-F111 | |
| Q6302 | | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q6303 | | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| | | | < RESISTOR > | |
| JR6313 | | 1-216-295-91 | SHORT CHIP 0 | |
| JR6314 | | 1-216-295-91 | SHORT CHIP 0 | |
| JR6315 | | 1-216-295-91 | SHORT CHIP 0 | |
| JR6316 | | 1-216-295-91 | SHORT CHIP 0 | |
| R6001 | ⚠ | 1-218-760-11 | METAL CHIP 220K 0.5% | 1/10W |
| R6002 | ⚠ | 1-218-760-11 | METAL CHIP 220K 0.5% | 1/10W |
| R6003 | ⚠ | 1-208-830-11 | METAL CHIP 100K 0.5% | 1/10W |
| R6005 | | 1-218-911-11 | METAL CHIP 470K 0.5% | 1/10W |
| R6006 | ⚠ | 1-218-760-11 | METAL CHIP 220K 0.5% | 1/10W |
| R6007 | ⚠ | 1-218-760-11 | METAL CHIP 220K 0.5% | 1/10W |
| R6008 | | 1-218-911-11 | METAL CHIP 470K 0.5% | 1/10W |
| R6009 | | 1-218-887-11 | METAL CHIP 47K 0.5% | 1/10W |
| R6017 | ⚠ | 1-240-251-11 | METAL 6.8 5% | 10W |
| R6021 | | 1-218-913-91 | METAL CHIP 560K 0.5% | 1/10W |
| R6022 | | 1-216-864-11 | SHORT CHIP 0 | |
| R6023 | | 1-218-879-11 | METAL CHIP 22K 0.5% | 1/10W |
| R6024 | | 1-208-814-91 | METAL CHIP 22K 0.5% | 1/10W |
| R6027 | | 1-218-823-11 | METAL CHIP 100 0.5% | 1/10W |
| R6028 | | 1-247-752-11 | CARBON 1K 5% | 1/2W |
| R6029 | | 1-215-882-21 | METAL OXIDE 22 5% | 2W |
| R6030 | | 1-216-864-11 | SHORT CHIP 0 | |
| R6031 | | 1-218-835-11 | METAL CHIP 330 0.5% | 1/10W |
| R6032 | | 1-217-157-00 | METAL 0.33 10% | 5W |
| R6033 | | 1-216-813-11 | METAL CHIP 220 5% | 1/10W |
| R6034 | | 1-216-813-11 | METAL CHIP 220 5% | 1/10W |
| R6035 | | 1-217-157-00 | METAL 0.33 10% | 5W |
| R6036 | | 1-211-981-11 | METAL CHIP 33 0.5% | 1/10W |
| R6037 | | 1-218-823-11 | METAL CHIP 100 0.5% | 1/10W |
| R6038 | | 1-216-833-11 | METAL CHIP 10K 5% | 1/10W |
| R6041 | | 1-216-829-11 | METAL CHIP 4.7K 5% | 1/10W |
| R6042 | | 1-249-389-11 | CARBON 4.7 5% | 1/4W |
| R6043 | | 1-216-833-11 | METAL CHIP 10K 5% | 1/10W |
| R6044 | | 1-216-837-11 | METAL CHIP 22K 5% | 1/10W |
| R6046 | | 1-249-405-11 | CARBON 100 5% | 1/4W |
| R6047 | | 1-249-389-11 | CARBON 4.7 5% | 1/4W |
| R6048 | | 1-216-813-11 | METAL CHIP 220 5% | 1/10W |
| R6050 | | 1-216-813-11 | METAL CHIP 220 5% | 1/10W |
| R6051 | | 1-208-814-91 | METAL CHIP 22K 0.5% | 1/10W |
| R6052 | | 1-216-833-11 | METAL CHIP 10K 5% | 1/10W |
| R6053 | | 1-218-907-11 | METAL CHIP 330K 0.5% | 1/10W |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.



| REF.NO. | | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|---|
| R6054 | | 1-218-879-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R6055 | | 1-218-895-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R6056 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6057 | | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6058 | | 1-208-848-11 | METAL CHIP | 560K | 0.5% | 1/10W |
| R6059 | | 1-208-848-11 | METAL CHIP | 560K | 0.5% | 1/10W |
| R6060 | | 1-208-848-11 | METAL CHIP | 560K | 0.5% | 1/10W |
| R6061 | | 1-208-846-11 | METAL CHIP | 470K | 0.5% | 1/10W |
| R6062 | | 1-208-844-11 | METAL CHIP | 390K | 0.5% | 1/10W |
| R6063 | | 1-218-875-11 | METAL CHIP | 15K | 0.5% | 1/10W |
| R6064 | | 1-218-851-11 | METAL CHIP | 1.5K | 0.5% | 1/10W |
| R6065 | | 1-249-393-11 | CARBON | 10 | 5% | 1/4W |
| R6066 | | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6067 | | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6068 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6069 | ⚠ | 1-202-933-61 | FUSIBLE | 0.1 | 10% | 1/2W |
| R6070 | | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R6071 | | 1-218-887-11 | METAL CHIP | 47K | 0.5% | 1/10W |
| R6072 | | 1-208-854-11 | METAL CHIP | 1M | 0.5% | 1/10W |
| R6073 | | 1-208-854-11 | METAL CHIP | 1M | 0.5% | 1/10W |
| R6074 | | 1-208-854-11 | METAL CHIP | 1M | 0.5% | 1/10W |
| R6075 | | 1-208-854-11 | METAL CHIP | 1M | 0.5% | 1/10W |
| R6076 | | 1-218-761-11 | METAL CHIP | 240K | 0.5% | 1/10W |
| R6077 | | 1-218-881-11 | METAL CHIP | 27K | 0.5% | 1/10W |
| R6078 | | 1-218-873-11 | METAL CHIP | 12K | 0.5% | 1/10W |
| R6081 | | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W |
| R6082 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6083 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6084 | | 1-218-863-11 | METAL CHIP | 4.7K | 0.5% | 1/10W |
| R6085 | | 1-218-887-11 | METAL CHIP | 47K | 0.5% | 1/10W |
| R6086 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6087 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6088 | | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W |
| R6090 | | 1-211-985-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R6091 | | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6092 | | 1-218-903-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R6093 | | 1-218-859-11 | METAL CHIP | 3.3K | 0.5% | 1/10W |
| R6094 | | 1-218-885-11 | METAL CHIP | 39K | 0.5% | 1/10W |
| R6095 | | 1-216-009-91 | RES-CHIP | 22 | 5% | 1/10W |
| R6096 | | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6097 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6098 | | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6099 | | 1-216-009-91 | RES-CHIP | 22 | 5% | 1/10W |
| R6100 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6101 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6102 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6103 | | 1-218-879-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R6104 | | 1-218-847-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R6105 | | 1-218-863-11 | METAL CHIP | 4.7K | 0.5% | 1/10W |
| R6106 | | 1-216-361-00 | METAL OXIDE | 0.22 | 5% | 2W |
| R6107 | | 1-216-361-00 | METAL OXIDE | 0.22 | 5% | 2W |
| R6108 | | 1-218-903-11 | METAL CHIP | 220K | 0.5% | 1/10W |
| R6109 | | 1-218-847-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R6110 | | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6113 | | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6114 | | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6115 | | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6116 | | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6118 | | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6121 | | 1-218-843-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R6122 | | 1-218-865-11 | METAL CHIP | 5.6K | 0.5% | 1/10W |
| R6124 | | 1-218-847-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R6125 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6126 | | 1-249-377-11 | CARBON | 0.47 | 5% | 1/4W |
| R6127 | | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W |
| R6128 | | 1-245-494-21 | METAL | 2.2M | 2% | 1/4W |
| R6129 | | 1-245-494-21 | METAL | 2.2M | 2% | 1/4W |
| R6130 | | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6131 | | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6132 | | 1-249-416-11 | CARBON | 820 | 5% | 1/4W |
| R6133 | | 1-216-295-91 | SHORT CHIP | 0 | | |
| R6200 | ⚠ | 1-212-958-00 | FUSIBLE | 10 | 5% | 1/2W |
| R6201 | | 1-216-353-00 | METAL OXIDE | 2.2 | 5% | 1W |
| R6202 | | 1-260-129-11 | CARBON | 330K | 5% | 1/2W |
| R6203 | | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W |
| R6204 | | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R6205 | | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W |
| R6206 | | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R6207 | | 1-216-823-11 | METAL CHIP | 1.5K | 5% | 1/10W |
| R6208 | | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6210 | | 1-218-871-11 | METAL CHIP | 10K | 0.5% | 1/10W |
| R6211 | | 1-218-871-11 | METAL CHIP | 10K | 0.5% | 1/10W |
| R6217 | | 1-216-295-91 | SHORT CHIP | 0 | | |
| R6218 | | 1-216-295-91 | SHORT CHIP | 0 | | |
| R6304 | | 1-216-864-11 | METAL CHIP | 120K | 5% | 1/10W |
| R6306 | | 1-216-864-11 | METAL CHIP | 120K | 5% | 1/10W |
| R6308 | | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/4W |
| R6309 | | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R6313 | | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6314 | | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6315 | | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6316 | | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6317 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6318 | | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |

< RELAY >

| | | | | | | |
|---|---|---|---|---|---|---|
| RY6000 | ⚠ | 1-755-579-11 | RELAY, POWER | | | |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

| REF.NO. | | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|---|
| | | | < TRANSFORMER > | |
| T6002 | ⚠ | 1-443-983-11 | CONVERTER TRANSFORMER (PIT) | |
| T6003 | ⚠ | 1-443-986-11 | CONVERTER TRANSFORMER (PIT) | |
| T6200 | ⚠ | 1-443-313-21 | TRANSFORMER, CONVERTER (SBT) | |
| | | | < VARISTOR > | |
| VD6000 | ⚠ | 1-804-995-11 | VARISTOR | |
| VD6001 | ⚠ | 1-804-995-11 | VARISTOR | |

***A-1189-408-A H1 Board Complete (KDL-26/32U2000)**
***A-1202-963-A H1P Board Complete (KDL-40U2000)**

| | | | |
|---|---|---|---|
| | < CAPACITOR > | | |
| C9000 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| | < CONNECTOR > | | |
| CN9000 | 1-778-507-21 | PIN, CONNECTOR (PC BOARD) 4P | |
| | < DIODE > | | |
| D9000 | 8-719-036-94 | DIODE RD5.6SB-T1 | |
| | < RESISTOR > | | |
| R9000 | 1-216-864-11 | SHORT CHIP 0 | |
| R9001 | 1-218-847-11 | METAL CHIP 1K 0.5% 1/10W | |
| R9002 | 1-218-843-11 | METAL CHIP 680 0.5% 1/10W | |
| R9003 | 1-218-851-11 | METAL CHIP 1.5K 0.5% 1/10W | |
| R9004 | 1-218-839-11 | METAL CHIP 470 0.5% 1/10W | |
| R9005 | 1-218-855-11 | METAL CHIP 2.2K 0.5% 1/10W | |
| R9006 | 1-218-834-11 | METAL CHIP 300 0.5% 1/10W | |
| R9007 | 1-216-864-11 | SHORT CHIP 0 | |
| R9008 | 1-216-864-11 | SHORT CHIP 0 | |
| | < SWITCH > | | |
| S9000 | 1-572-595-11 | SWITCH, TACTIL (REFLOW TYPE) | |
| S9001 | 1-572-595-11 | SWITCH, TACTIL (REFLOW TYPE) | |
| S9002 | 1-572-595-11 | SWITCH, TACTIL (REFLOW TYPE) | |
| S9003 | 1-572-595-11 | SWITCH, TACTIL (REFLOW TYPE) | |
| S9004 | 1-572-595-11 | SWITCH, TACTIL (REFLOW TYPE) | |
| S9005 | 1-572-595-11 | SWITCH, TACTIL (REFLOW TYPE) | |
| S9006 | 1-572-595-11 | SWITCH, TACTIL (REFLOW TYPE) | |
| | < VARISTOR > | | |
| VD9000 | 1-803-974-21 | VARISTOR, CHIP | (1608) |
| VD9001 | 1-803-974-21 | VARISTOR, CHIP | (1608) |
| VD9002 | 1-803-974-21 | VARISTOR, CHIP | (1608) |
| VD9003 | 1-803-974-21 | VARISTOR, CHIP | (1608) |
| VD9004 | 1-803-974-21 | VARISTOR, CHIP | (1608) |
| VD9005 | 1-803-974-21 | VARISTOR, CHIP | (1608) |
| VD9006 | 1-803-974-21 | VARISTOR, CHIP | (1608) |

***A-1198-236-A BDT Board Complete**

| | | | |
|---|---|---|---|
| | < CAPACITOR > | | |
| C3001 | 1-125-891-11 | CERAMIC CHIP 0.47UF | 10.00% 10V |
| C3002 | 1-125-891-11 | CERAMIC CHIP 0.47UF | 10.00% 10V |
| C3003 | 1-125-891-11 | CERAMIC CHIP 0.47UF | 10.00% 10V |
| C3004 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C3005 | 1-125-891-11 | CERAMIC CHIP 0.47UF | 10.00% 10V |
| C3007 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C3008 | 1-126-205-11 | ELECT CHIP 47UF | 20.00% 6.3V |
| C3009 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C3010 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3011 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3012 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3013 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3014 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3015 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3016 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3017 | 1-126-205-11 | ELECT CHIP 47UF | 20.00% 6.3V |
| C3018 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C3019 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3020 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3021 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3022 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3023 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3024 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3025 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3026 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3027 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3028 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3029 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3030 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3031 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3032 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3033 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3035 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3040 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3041 | 1-127-715-91 | CERAMIC CHIP 0.22UF | 10% 16V |
| C3042 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3043 | 1-126-394-11 | ELECT CHIP 10UF | 20.00% 16V |
| C3044 | 1-127-715-91 | CERAMIC CHIP 0.22UF | 10% 16V |
| C3045 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3048 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3049 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3050 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3051 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3052 | 1-162-966-11 | CERAMIC CHIP 0.0022UF | 10.00% 50V |
| C3053 | 1-162-966-11 | CERAMIC CHIP 0.0022UF | 10.00% 50V |

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| C3054 | 1-164-004-11 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C3055 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C3056 | 1-164-004-11 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C3057 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3058 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3059 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3060 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3061 | 1-162-962-11 | CERAMIC CHIP 470PF | 10.00% 50V |
| C3063 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3065 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C3068 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C3069 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C3070 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3071 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3072 | 1-117-681-11 | ELECT CHIP 100UF | 20.00% 16V |
| C3073 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3074 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3075 | 1-162-917-11 | CERAMIC CHIP 15PF | 5.00% 50V |
| C3076 | 1-162-917-11 | CERAMIC CHIP 15PF | 5.00% 50V |
| C3078 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C3080 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C3081 | 1-164-230-11 | CERAMIC CHIP 220PF | 5.00% 50V |
| C3082 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3083 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C3085 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C3086 | 1-126-390-11 | ELECT CHIP 22UF | 20.00% 6.3V |
| C3089 | 1-162-927-11 | CERAMIC CHIP 100PF | 5.00% 50V |
| C3090 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C3092 | 1-127-760-11 | CERAMIC CHIP 4.7UF | 10% 6.3V |
| C3093 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C3094 | 1-117-681-11 | ELECT CHIP 100UF | 20.00% 16V |
| C3095 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C3096 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C3097 | 1-162-927-11 | CERAMIC CHIP 100PF | 5.00% 50V |
| C3114 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C3115 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C3116 | 1-127-715-91 | CERAMIC CHIP 0.22UF | 10% 16V |
| C3131 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C3200 | 1-162-966-11 | CERAMIC CHIP 0.0022UF | 10.00% 50V |
| C3201 | 1-162-966-11 | CERAMIC CHIP 0.0022UF | 10.00% 50V |
| C3300 | 1-164-004-11 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C3301 | 1-164-388-91 | CERAMIC CHIP 270PF | 5.00% 50V |
| C3302 | 1-162-927-11 | CERAMIC CHIP 100PF | 5.00% 50V |
| C3303 | 1-115-340-11 | CERAMIC CHIP 0.22UF | 10.00% 25V |
| C3350 | 1-162-928-11 | CERAMIC CHIP 120PF | 5.00% 50V |
| C3353 | 1-162-968-11 | CERAMIC CHIP 0.0047UF | 10.00% 50V |
| C3354 | 1-163-037-11 | CERAMIC CHIP 0.022UF | 10.00% 50V |
| C3355 | 1-127-573-11 | CERAMIC CHIP 1UF | 10% 16V |
| C4000 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C4200 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| C4201 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C4202 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C4204 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4205 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4206 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4207 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4208 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4209 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4210 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4211 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4212 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4213 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4214 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4215 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4216 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4217 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4218 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4219 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4220 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4221 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4222 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C4223 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C4224 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C4226 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C4227 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C4228 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C4229 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C4230 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C4232 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C4233 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C4250 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4251 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4252 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4253 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4254 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4255 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4256 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4257 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4258 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4259 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4260 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4263 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C4270 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C4271 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C5040 | 1-164-937-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C5041 | 1-164-937-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C5042 | 1-164-858-11 | CERAMIC CHIP 22PF | 5.00% 50V |
| C5043 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5044 | 1-164-858-11 | CERAMIC CHIP 22PF | 5.00% 50V |
| C5045 | 1-164-872-11 | CERAMIC CHIP 82PF | 5.00% 50V |

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| C5046 | 1-164-872-11 | CERAMIC CHIP 82PF | 5.00% 50V |
| C5047 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5048 | 1-164-937-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C5049 | 1-164-937-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C5050 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5051 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5052 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5054 | 1-164-874-11 | CERAMIC CHIP 100PF | 5.00% 50V |
| C5055 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C5056 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C5057 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C5058 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5059 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5060 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5061 | 1-164-858-11 | CERAMIC CHIP 22PF | 5.00% 50V |
| C5062 | 1-164-858-11 | CERAMIC CHIP 22PF | 5.00% 50V |
| C5063 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5064 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5065 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5066 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5067 | 1-164-943-81 | CERAMIC CHIP 0.01UF | 10.00% 16V |
| C5068 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5069 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5070 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5071 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C5072 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C5073 | 1-124-779-00 | ELECT CHIP 10UF | 20.00% 16V |
| C5630 | 1-127-760-11 | CERAMIC CHIP 4.7UF | 10% 6.3V |
| C5631 | 1-127-760-11 | CERAMIC CHIP 4.7UF | 10% 6.3V |
| C5632 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5633 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5634 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5635 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5636 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5637 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5638 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5646 | 1-126-394-11 | ELECT CHIP 10UF | 20.00% 16V |
| C5650 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5651 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5652 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5653 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5654 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5655 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5656 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5660 | 1-164-850-11 | CERAMIC CHIP 10PF | 0.50PF 50V |
| C5661 | 1-164-850-11 | CERAMIC CHIP 10PF | 0.50PF 50V |
| C5662 | 1-164-850-11 | CERAMIC CHIP 10PF | 0.50PF 50V |
| C5663 | 1-127-760-11 | CERAMIC CHIP 4.7UF | 10% 6.3V |
| C5664 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5665 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5666 | 1-127-760-11 | CERAMIC CHIP 4.7UF | 10% 6.3V |
| C5667 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5668 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5669 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5670 | 1-126-394-00 | ELECT CHIP 10UF | 20.00% 16V |
| C5671 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5672 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5673 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5674 | 1-100-907-11 | CERAMIC CHIP 0.1UF | 10% 10V |
| C5675 | 1-100-907-11 | CERAMIC CHIP 0.1UF | 10% 10V |
| C5680 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5682 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C5683 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5684 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5685 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5686 | 1-164-937-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C5689 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5690 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5691 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5692 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5693 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5695 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5696 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5697 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5698 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5699 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5700 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5701 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5702 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5703 | 1-117-681-11 | ELECT CHIP 100UF | 20.00% 16V |
| C5750 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5751 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5752 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5753 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5754 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5755 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5756 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5757 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5758 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5759 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5760 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5761 | 1-164-937-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C5762 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5763 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5764 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5765 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5766 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5767 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5780 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5781 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| C5782 | 1-164-850-11 | CERAMIC CHIP 10PF | 0.50PF 50V |
| C5783 | 1-164-943-81 | CERAMIC CHIP 0.01UF | 10.00% 16V |
| C5785 | 1-164-840-11 | CERAMIC CHIP 1PF | 0.25PF 50V |
| C5786 | 1-164-840-11 | CERAMIC CHIP 1PF | 0.25PF 50V |
| C5787 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5789 | 1-126-205-11 | ELECT CHIP 47UF | 20.00% 6.3V |
| C5790 | 1-104-905-11 | DOUBLE LAYER 0.22F | 5.5V |
| C5791 | 1-164-943-81 | CERAMIC CHIP 0.01UF | 10.00% 16V |
| C5792 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C5793 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5794 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5795 | 1-165-822-91 | CERAMIC CHIP 1UF | 25V |
| C5796 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5797 | 1-164-874-11 | CERAMIC CHIP 100PF | 5.00% 50V |
| C5798 | 1-164-874-11 | CERAMIC CHIP 100PF | 5.00% 50V |
| C5799 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5800 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5801 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5803 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5804 | 1-117-720-11 | CERAMIC CHIP 4.7UF | 10V |
| C5805 | 1-107-823-11 | CERAMIC CHIP 0.47UF | 10.00% 16V |
| C5806 | 1-100-597-91 | CERAMIC CHIP 0.1UF | 10% 25V |
| C5807 | 1-126-394-11 | ELECT CHIP 10UF | 20.00% 16V |
| C5808 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5809 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5810 | 1-126-206-11 | ELECT CHIP 100UF | 20.00% 6.3V |
| C5811 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C5812 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C5813 | 1-135-366-11 | ELECT CHIP 100UF | 20% 16V |
| C5814 | 1-100-597-91 | CERAMIC CHIP 0.1UF | 10% 25V |
| C5815 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C5816 | 1-125-777-11 | CERAMIC CHIP 0.1UF | 10.00% 10V |
| C5844 | 1-164-874-11 | CERAMIC CHIP 100PF | 5.00% 50V |
| C6500 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6501 | 1-162-974-11 | CERAMIC CHIP 0.01UF | 50V |
| C6502 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6503 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6504 | 1-137-894-21 | ELECT CHIP 470UF | 20% 25V |
| C6505 | 1-137-894-21 | ELECT CHIP 470UF | 20% 25V |
| C6506 | 1-137-894-21 | ELECT CHIP 470UF | 20% 25V |
| C6507 | 1-137-894-21 | ELECT CHIP 470UF | 20% 25V |
| C6508 | 1-137-894-21 | ELECT CHIP 470UF | 20% 25V |
| C6509 | 1-137-894-21 | ELECT CHIP 470UF | 20% 25V |
| C6510 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6511 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6512 | 1-162-974-11 | CERAMIC CHIP 0.01UF | 50V |
| C6513 | 1-162-970-11 | CERAMIC CHIP 0.01UF | 10.00% 25V |
| C6515 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C6516 | 1-100-911-11 | CERAMIC CHIP 4.7UF | 10% 25V |
| C6517 | 1-100-911-11 | CERAMIC CHIP 4.7UF | 10% 25V |
| C6518 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C6519 | 1-162-974-11 | CERAMIC CHIP 0.01UF | 50V |
| C6520 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C6522 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C6523 | 1-100-911-11 | CERAMIC CHIP 4.7UF | 10% 25V |
| C6524 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C6525 | 1-165-671-21 | ELECT CHIP 470UF | 20% 6.3V |
| C6526 | 1-127-715-91 | CERAMIC CHIP 0.22UF | 10% 16V |
| C6528 | 1-127-715-91 | CERAMIC CHIP 0.22UF | 10% 16V |
| C6529 | 1-165-671-21 | ELECT CHIP 470UF | 20% 6.3V |
| C6530 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C6532 | 1-110-530-11 | ELECT CHIP 1000UF | 20% 6.3V |
| C6535 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C6536 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C6538 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C6539 | 1-100-566-91 | CERAMIC CHIP 0.1UF | 10.00% 25V |
| C6543 | 1-127-573-11 | CERAMIC CHIP 1UF | 10% 16V |
| C6545 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C6546 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |
| C6547 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10% 50V |
| C6548 | 1-127-573-11 | CERAMIC CHIP 1UF | 10% 16V |
| C6549 | 1-127-573-11 | CERAMIC CHIP 1UF | 10% 16V |
| C6551 | 1-127-573-11 | CERAMIC CHIP 1UF | 10% 16V |
| C6553 | 1-117-370-11 | CERAMIC CHIP 10UF | 10V |
| C6554 | 1-117-370-11 | CERAMIC CHIP 10UF | 10V |
| C6555 | 1-117-370-11 | CERAMIC CHIP 10UF | 10V |
| C6556 | 1-117-370-11 | CERAMIC CHIP 10UF | 10V |
| C6557 | 1-117-370-11 | CERAMIC CHIP 10UF | 10V |
| C6558 | 1-100-911-11 | CERAMIC CHIP 4.7UF | 10.00% 25V |
| C6559 | 1-117-370-11 | CERAMIC CHIP 10UF | 10V |
| C6560 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C6561 | 1-117-370-11 | CERAMIC CHIP 10UF | 10V |
| C6562 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C6563 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C6564 | 1-100-911-11 | CERAMIC CHIP 4.7UF | 10.00% 25V |
| C6565 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C6566 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C6567 | 1-100-911-11 | CERAMIC CHIP 4.7UF | 10% 25V |
| C6572 | 1-126-396-11 | ELECT CHIP 47UF | 20.00% 16V |
| C6579 | 1-165-908-11 | CERAMIC CHIP 1UF | 10% 10V |
| C6581 | 1-109-982-11 | CERAMIC CHIP 1UF | 10.00% 10V |
| C6582 | 1-107-823-11 | CERAMIC CHIP 0.47UF | 10.00% 16V |
| C8907 | 1-162-964-11 | CERAMIC CHIP 0.001UF | 10.00% 50V |
| C8922 | 1-164-156-11 | CERAMIC CHIP 0.1UF | 25V |
| C8923 | 1-107-826-11 | CERAMIC CHIP 0.1UF | 10.00% 16V |

< CONNECTOR >

| | | |
|---|---|---|
| CN3000 | *1-819-335-11 | HEADER ASSEMBLY FOR PWB, 9P |
| CN3001 | *1-818-656-21 | HEADER ASSEMBLY 30P |
| CN3002 | 1-779-884-11 | CONNECTOR 4P |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

**BDT**

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| CN3003 | 1-820-187-11 | HEADER ASSEMBLY (PRINT PWB)10P | |
| CN3004 | *1-819-333-11 | HEADER ASSEMBLY FOR PWB 5P | |
| CN3005 | 1-819-390-51 | FFC/FPC CONNECTOR (ZIF) 49P | |
| CN3006 | 1-820-255-51 | FFC/FPC CONNECTOR (ZIF) 20P | |
| CN3007 | 1-784-254-11 | CONNECTOR 10P | |
| CN3008 | 1-779-936-51 | CONNECTOR, FFC/FPC 18P | |
| CN4000 | *1-817-804-11 | CONNECTOR, D SUB 15P | |
| CN4200 | *1-820-208-11 | HDMI CONNECTOR | |
| CN5750 | *1-793-769-21 | CONNECTOR, CARD (PCMCIA CARD) | |
| CN5883 | 1-820-209-11 | MEMORY STICK CONNECTOR | |
| CN6500 | *1-819-441-11 | PWB HEADER, 13P | |
| CN6501 | *1-819-474-11 | HEADER ASSEMBLY FOR PWB 6P | |
| | | < DIODE > | |
| D3004 | 8-719-050-38 | DIODE M1MA152WK-T1 | |
| D3005 | 8-719-036-94 | DIODE RD5.6SB-T1 | |
| D3009 | 8-719-081-97 | DIODE MMDL914T1 | |
| D3010 | 8-719-081-97 | DIODE MMDL914T1 | |
| D3011 | 8-719-081-97 | DIODE MMDL914T1 | |
| D3012 | 8-719-081-97 | DIODE MMDL914T1 | |
| D3014 | 8-719-081-97 | DIODE MMDL914T1 | |
| D3015 | 8-719-081-97 | DIODE MMDL914T1 | |
| D4000 | 8-719-073-39 | DIODE HZU5.6GTRF | |
| D4001 | 8-719-073-39 | DIODE HZU5.6GTRF | |
| D4002 | 8-719-073-39 | DIODE HZU5.6GTRF | |
| D4003 | 8-719-801-78 | DIODE 1SS184 | |
| D4203 | 8-719-404-50 | DIODE MA111-TX | |
| D4204 | 8-719-404-50 | DIODE MA111-TX | |
| D5780 | 8-719-041-97 | DIODE MA113-(TX) | |
| D6500 | 8-719-081-67 | DIODE M1FM3 | |
| D6501 | 8-719-081-67 | DIODE M1FM3 | |
| D6502 | 6-500-696-01 | DIODE UDZSTE-173.0B | |
| D6504 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6505 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6506 | 6-501-336-01 | DIODE RSX201L-30TE25 | |
| D6507 | 8-719-080-41 | DIODE RB063L-30TE25 | |
| D6508 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6509 | 6-500-294-01 | DIODE PTZ-TE25-3.9B | |
| D6510 | 6-500-253-01 | DIODE RB053L-30TE25 | |
| D6512 | 6-500-253-01 | DIODE RB053L-30TE25 | |
| D6513 | 6-500-294-01 | DIODE PTZ-TE25-3.9B | |
| D6514 | 6-500-295-01 | DIODE PTZ-TE25-5.6B | |
| D6515 | 8-719-083-63 | DIODE UDZSTE-1713B | |
| D6516 | 8-719-081-99 | DIODE MM3Z13VT1 | |
| D6517 | 8-719-081-99 | DIODE MM3Z13VT1 | |
| D6518 | 8-719-066-10 | DIODE 1PS181-115 | |
| D6519 | 8-719-081-97 | DIODE MMDL914T1 | |
| D6520 | 8-719-066-10 | DIODE 1PS181-115 | |

| REF.NO. | | PART.NO | DESCRIPTION | | REMARK |
|---|---|---|---|---|---|
| | | | < FUSE > | | |
| F4000 | ⚠ | 1-576-646-11 | FUSE | 0.5A 50V | |
| | | | < FERRITE BEAD > | | |
| FB3012 | | 1-414-445-11 | FERRITE | 0UH | |
| FB3013 | | 1-414-445-11 | FERRITE | 0UH | |
| FB3014 | | 1-414-445-11 | FERRITE | 0UH | |
| FB3046 | | 1-414-445-11 | FERRITE | 0UH | |
| FB3099 | | 1-414-760-21 | FERRITE | 0UH | |
| FB3241 | | 1-414-760-21 | FERRITE | 0UH | |
| FB3242 | | 1-414-760-21 | FERRITE | 0UH | |
| FB3243 | | 1-414-760-21 | FERRITE | 0UH | |
| FB3244 | | 1-414-760-21 | FERRITE | 0UH | |
| FB3245 | | 1-414-760-21 | FERRITE | 0UH | |
| FB4003 | | 1-400-141-22 | FERRITE | 0UH | |
| FB4200 | | 1-414-234-22 | FERRITE | 0UH | |
| FB5040 | | 1-400-244-11 | FERRITE | 0UH | |
| FB5041 | | 1-400-244-11 | FERRITE | 0UH | |
| FB5612 | | 1-400-833-21 | FERRITE | 0UH | |
| FB5613 | | 1-400-833-21 | FERRITE | 0UH | |
| FB5614 | | 1-400-833-21 | FERRITE | 0UH | |
| FB5615 | | 1-400-833-21 | FERRITE | 0UH | |
| FB5616 | | 1-400-833-21 | FERRITE | 0UH | |
| FB5617 | | 1-400-833-21 | FERRITE | 0UH | |
| FB5618 | | 1-400-807-21 | FERRITE | 0UH | |
| FB5619 | | 1-400-807-21 | FERRITE | 0UH | |
| FB5620 | | 1-400-807-21 | FERRITE | 0UH | |
| FB5621 | | 1-400-807-21 | FERRITE | 0UH | |
| FB5622 | | 1-400-833-21 | FERRITE | 0UH | |
| FB5623 | | 1-400-833-21 | FERRITE | 0UH | |
| FB5624 | | 1-400-833-21 | FERRITE | 0UH | |
| FB5630 | | 1-469-869-21 | FERRITE | 0UH | |
| FB5634 | | 1-400-244-11 | FERRITE | 0UH | |
| FB5635 | | 1-400-244-11 | FERRITE | 0UH | |
| FB5636 | | 1-469-869-21 | FERRITE | 0UH | |
| FB5637 | | 1-469-869-21 | FERRITE | 0UH | |
| FB5646 | | 1-400-834-11 | FERRITE | 0UH | |
| FB5647 | | 1-469-869-21 | FERRITE | 0UH | |
| FB5680 | | 1-400-244-11 | FERRITE | 0UH | |
| FB5681 | | 1-400-244-11 | FERRITE | 0UH | |
| FB5750 | | 1-469-869-21 | FERRITE | 0UH | |
| FB5751 | | 1-469-869-21 | FERRITE | 0UH | |
| FB5780 | | 1-400-244-11 | FERRITE | 0UH | |
| FB5781 | | 1-400-244-11 | FERRITE | 0UH | |
| FB5782 | | 1-400-244-11 | FERRITE | 0UH | |
| FB5907 | | 1-400-834-11 | FERRITE | 0UH | |
| FB5908 | | 1-400-834-11 | FERRITE | 0UH | |
| FB5909 | | 1-400-834-11 | FERRITE | 0UH | |
| FB5910 | | 1-400-834-11 | FERRITE | 0UH | |

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|
| FB5911 | 1-400-834-11 | FERRITE | 0UH |
| FB5912 | 1-400-834-11 | FERRITE | 0UH |
| FB5913 | 1-400-834-11 | FERRITE | 0UH |
| FB5914 | 1-400-834-11 | FERRITE | 0UH |
| FB5915 | 1-400-834-11 | FERRITE | 0UH |
| FB5916 | 1-400-244-11 | FERRITE | 0UH |
| FB5917 | 1-400-244-11 | FERRITE | 0UH |
| FB6500 | 1-469-324-21 | FERRITE | 0UH |
| FB6501 | 1-469-324-21 | FERRITE | 0UH |
| FB6502 | 1-469-775-21 | FERRITE | 0UH |
| | < IC > | | |
| IC3000 | 8-759-082-60 | IC TC7S66FU | |
| IC3001 | 6-706-419-01 | IC LM393DT (A) | |
| IC3002 | 6-701-173-01 | IC MC74LVXT4053DTR2 | |
| IC3003 | 8-759-701-01 | IC NJM2904M | |
| IC3004 | 6-704-573-01 | IC M24C32-WMN6T(B) | |
| IC3005 | 6-703-175-01 | IC PST3629UL | |
| IC3006 | 6-806-613-01 | IC VCT6973G | |
| IC3008 | 8-752-072-94 | IC CXA1875AM-T4 | |
| IC4000 | 6-704-600-01 | IC M24C02-WMN6T(B) | |
| IC4200 | 6-704-001-01 | IC BR24L02F-WE2 | |
| IC4201 | 6-709-806-01 | IC IP4776CZ38 | |
| IC4202 | 6-709-602-01 | IC TDA9974AHS/8/C112 | |
| IC5040 | 8-753-264-52 | IC CXD1968R-T6 | |
| IC5630 | 6-709-214-01 | IC UPD61123F1-100-KA3-A | |
| IC5680 | 6-705-336-01 | IC K9F2808U0C-PCB0T | |
| IC5681 | 6-707-809-01 | IC EDD1216AATA-6B-E | |
| IC5682 | 6-708-916-01 | IC ICS7150MLFT | |
| IC5750 | 8-759-644-48 | IC 74LVC541APW | |
| IC5751 | 8-759-644-48 | IC 74LVC541APW | |
| IC5752 | 6-706-482-01 | IC TC7SH00FU(T5RSOYJF) | |
| IC5753 | 8-759-644-48 | IC 74LVC541APW | |
| IC5754 | 6-708-132-01 | IC 74LVC14APW | |
| IC5755 | 8-759-644-48 | IC 74LVC541APW | |
| IC5756 | 8-759-644-48 | IC 74LVC541APW | |
| IC5757 | 8-759-644-48 | IC 74LVC541APW | |
| IC5758 | 6-707-853-01 | IC TC74LCX541FT(EKJ) | |
| IC5759 | 8-759-298-91 | IC 74LVT245PW-T | |
| IC5780 | 6-700-108-01 | IC RV5C387A-E2-FB | |
| IC5781 | 6-703-271-01 | IC TAR5S50(TE85R) | |
| IC5782 | 6-707-808-01 | IC WM8727GED/RV | |
| IC5783 | 8-759-701-40 | IC NJM3404AM-T1 | |
| IC5784 | 6-706-106-01 | IC NCP1117STAT3 | |
| IC5785 | 6-708-603-01 | IC PQ070XNA1ZPH | |
| IC5786 | 6-705-790-01 | IC LM3525MX-H/J5000395 | |
| IC6500 | 6-702-142-01 | IC PQ1CY1032ZP | |
| IC6501 | 6-702-142-01 | IC PQ1CY1032ZP | |
| IC6502 | 6-706-046-01 | IC TK11185CSCL-G | |
| IC6503 | 6-702-142-01 | IC PQ1CY1032ZP | |
| IC6504 | 6-709-240-01 | IC BH12PB1WHFV-TR | |
| IC6505 | 6-709-932-01 | IC MM3141CNRE | |
| | < COIL > | | |
| L3000 | 1-456-984-11 | INDUCTOR | 0UH |
| L3001 | 1-456-984-11 | INDUCTOR | 0UH |
| L3002 | 1-456-984-11 | INDUCTOR | 0UH |
| L3003 | 1-456-984-11 | INDUCTOR | 0UH |
| L3004 | 1-456-984-11 | INDUCTOR | 0UH |
| L3005 | 1-400-180-21 | FERRITE | 0UH |
| L3350 | 1-412-990-41 | INDUCTOR | 8.2UH |
| L4208 | 1-414-394-11 | INDUCTOR | 2.2UH |
| L4212 | 1-414-394-11 | INDUCTOR | 2.2UH |
| L4213 | 1-414-394-11 | INDUCTOR | 2.2UH |
| L4214 | 1-414-394-11 | INDUCTOR | 2.2UH |
| L4216 | 1-414-394-11 | INDUCTOR | 2.2UH |
| L4217 | 1-414-394-11 | INDUCTOR | 2.2UH |
| L4262 | 1-414-394-11 | INDUCTOR | 2.2UH |
| L4263 | 1-414-394-11 | INDUCTOR | 2.2UH |
| L5040 | 1-469-842-21 | INDUCTOR | 0.47UH |
| L5041 | 1-412-058-11 | INDUCTOR | 10UH |
| L5042 | 1-412-058-11 | INDUCTOR | 10UH |
| L5043 | 1-412-058-11 | INDUCTOR | 10UH |
| L5044 | 1-412-058-11 | INDUCTOR | 10UH |
| L5045 | 1-412-058-11 | INDUCTOR | 10UH |
| L5046 | 1-412-058-11 | INDUCTOR | 10UH |
| L5630 | 1-414-398-11 | INDUCTOR | 10UH |
| L6500 | 1-416-511-11 | INDUCTOR | 47UH |
| L6501 | 1-416-511-11 | INDUCTOR | 47UH |
| L6502 | 1-457-242-11 | INDUCTOR | 0UH |
| L6503 | 1-414-398-11 | INDUCTOR | 10UH |
| L6504 | 1-424-976-21 | INDUCTOR | 47UH |
| L6505 | 1-457-242-11 | INDUCTOR | 0UH |
| L6506 | 1-424-976-21 | INDUCTOR | 47UH |
| L6508 | 1-424-922-21 | INDUCTOR | 10UH |
| L6509 | 1-424-922-21 | INDUCTOR | 10UH |
| L6511 | 1-424-922-21 | INDUCTOR | 10UH |
| L6512 | 1-416-511-11 | INDUCTOR | 47UH |
| L6514 | 1-412-026-11 | INDUCTOR | 1UH |
| L6515 | 1-412-026-11 | INDUCTOR | 1UH |
| L6516 | 1-412-026-11 | INDUCTOR | 1UH |
| L6517 | 1-414-394-11 | INDUCTOR | 2.2UH |
| L6518 | 1-412-026-11 | INDUCTOR | 1UH |
| L6519 | 1-412-026-11 | INDUCTOR | 1UH |
| L6520 | 1-412-026-11 | INDUCTOR | 1UH |
| L6521 | 1-412-026-11 | INDUCTOR | 1UH |
| L6522 | 1-412-026-11 | INDUCTOR | 1UH |
| L6523 | 1-412-026-11 | INDUCTOR | 1UH |
| L6524 | 1-412-026-11 | INDUCTOR | 1UH |
| L6525 | 1-412-026-11 | INDUCTOR | 1UH |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

**BDT**

| REF.NO. | | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|---|
| L6526 | | 1-414-394-11 | INDUCTOR 2.2UH | |
| L6527 | | 1-414-394-11 | INDUCTOR 2.2UH | |
| L6528 | | 1-412-026-11 | INDUCTOR 1UH | |
| | | | < PROTECTOR MODULE > | |
| PS6500 | ⚠ | 1-576-736-41 | IC LINK 3.15A 24V | |
| PS6501 | ⚠ | 1-576-736-41 | IC LINK 3.15A 24V | |
| PS6502 | ⚠ | 1-576-736-41 | IC LINK 3.15A 24V | |
| | | | < TRANSISTOR > | |
| Q3000 | | 8-729-028-28 | TRANSISTOR 2SK2036(TE85L) | |
| Q3001 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q3002 | | 8-729-927-99 | TRANSISTOR 2SC4617R | |
| Q3003 | | 8-729-927-99 | TRANSISTOR 2SC4617R | |
| Q3004 | | 8-729-028-28 | TRANSISTOR 2SK2036(TE85L) | |
| Q3006 | | 8-729-905-35 | TRANSISTOR 2SC4081-R | |
| Q3007 | | 6-550-549-01 | TRANSISTOR DTC114EUAFT106 | |
| Q3008 | | 8-729-045-62 | TRANSISTOR 2SK2158-T2B | |
| Q3009 | | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR | |
| Q3010 | | 8-729-026-53 | TRANSISTOR 2SA1576A-T106-QR | |
| Q3011 | | 8-729-045-62 | TRANSISTOR 2SK2158-T2B | |
| Q3012 | | 8-729-422-29 | TRANSISTOR 2SD601A-S | |
| Q3013 | | 8-729-422-29 | TRANSISTOR 2SD601A-S | |
| Q3014 | | 8-729-422-29 | TRANSISTOR 2SD601A-S | |
| Q3015 | | 8-729-422-29 | TRANSISTOR 2SD601A-S | |
| Q3016 | | 8-729-421-19 | TRANSISTOR UN2213 | |
| Q3017 | | 8-729-050-10 | TRANSISTOR PMBF170-215 | |
| Q3020 | | 8-729-905-35 | TRANSISTOR 2SC4081-R | |
| Q3120 | | 8-729-028-28 | TRANSISTOR 2SK2036(TE85L) | |
| Q3121 | | 8-729-028-28 | TRANSISTOR 2SK2036(TE85L) | |
| Q3122 | | 8-729-028-73 | TRANSISTOR DTA114EUA-T106 | |
| Q3123 | | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| Q3300 | | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| Q3301 | | 8-729-421-19 | TRANSISTOR UN2213 | |
| Q3350 | | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| Q3351 | | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q4200 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q4204 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q4211 | | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q5780 | | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| Q5920 | | 8-729-028-28 | TRANSISTOR 2SK2036(TE85L) | |
| Q5921 | | 8-729-028-28 | TRANSISTOR 2SK2036(TE85L) | |
| Q5922 | | 8-729-028-86 | TRANSISTOR DTA143EUA-T106 | |
| Q5923 | | 8-729-907-00 | TRANSISTOR DTC114EU | |
| Q6500 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q6501 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q6502 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q6503 | | 8-729-010-25 | TRANSISTOR MSD601-RT1 | |
| Q6504 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q6505 | | 8-729-010-25 | TRANSISTOR MSD601-RT1 | |
| Q6506 | | 8-729-010-25 | TRANSISTOR MSD601-RT1 | |
| Q6507 | | 8-729-010-25 | TRANSISTOR MSD601-RT1 | |
| Q6509 | | 8-729-046-04 | TRANSISTOR FDS6690A | |
| Q6510 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q6511 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q6512 | | 6-550-369-01 | TRANSISTOR TPC8109(TE12L) | |
| Q6513 | | 6-550-369-01 | TRANSISTOR TPC8109(TE12L) | |
| Q6514 | | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| Q6515 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| Q6555 | | 8-729-421-22 | TRANSISTOR UN2211 | |
| | | | < RESISTOR > | |
| JR5600 | | 1-216-295-91 | SHORT CHIP 0 | |
| JR5601 | | 1-218-990-81 | SHORT CHIP 0 | |
| JR5602 | | 1-218-990-81 | SHORT CHIP 0 | |
| R3000 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3001 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R3002 | | 1-216-825-11 | METAL CHIP 2.2K 5% 1/10W | |
| R3003 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3004 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3006 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R3015 | | 1-216-825-11 | METAL CHIP 2.2K 5% 1/10W | |
| R3016 | | 1-216-821-11 | METAL CHIP 1K 5% 1/10W | |
| R3019 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R3020 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R3021 | | 1-216-849-11 | METAL CHIP 220K 5% 1/10W | |
| R3022 | | 1-216-849-11 | METAL CHIP 220K 5% 1/10W | |
| R3023 | | 1-216-849-11 | METAL CHIP 220K 5% 1/10W | |
| R3024 | | 1-216-849-11 | METAL CHIP 220K 5% 1/10W | |
| R3026 | | 1-216-849-11 | METAL CHIP 220K 5% 1/10W | |
| R3027 | | 1-216-849-11 | METAL CHIP 220K 5% 1/10W | |
| R3028 | | 1-216-849-11 | METAL CHIP 220K 5% 1/10W | |
| R3029 | | 1-216-841-11 | METAL CHIP 47K 5% 1/10W | |
| R3030 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R3031 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3032 | | 1-216-849-11 | METAL CHIP 220K 5% 1/10W | |
| R3034 | | 1-218-879-11 | METAL CHIP 22K 0.5% 1/10W | |
| R3035 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3036 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3037 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3038 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3039 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3040 | | 1-218-891-11 | METAL CHIP 68K 0.5% 1/10W | |
| R3042 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R3043 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R3044 | | 1-216-817-11 | METAL CHIP 470 5% 1/10W | |
| R3045 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3046 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R3048 | | 1-216-864-11 | SHORT CHIP 0 | |
| R3049 | | 1-216-864-11 | SHORT CHIP 0 | |

| REF.NO. | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|
| R3050 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3051 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3052 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3053 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3054 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3057 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3058 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3059 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3061 | 1-218-847-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R3062 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3063 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3064 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3067 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3068 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3069 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3071 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3072 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3073 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3074 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3075 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3076 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3077 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3078 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3079 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3080 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3081 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3083 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3084 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3085 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3087 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3088 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3089 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3090 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3091 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3092 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3093 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3094 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3095 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3096 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3097 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3098 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3100 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3101 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3103 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3104 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3105 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3106 | 1-218-891-11 | METAL CHIP | 68K | 0.5% | 1/10W |
| R3107 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3108 | 1-218-867-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R3109 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3110 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3111 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3112 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3113 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3114 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3115 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3116 | 1-218-823-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R3117 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3119 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3121 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3124 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3127 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3129 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3133 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3136 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3137 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3138 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3140 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3142 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3143 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3146 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3147 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3150 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3153 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3156 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3158 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3159 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3160 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3161 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3163 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3175 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3177 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3178 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3180 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3181 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3182 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3183 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3184 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3185 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3186 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3187 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3188 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3190 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3191 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3192 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3193 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3195 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3196 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3198 | 1-218-847-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R3201 | 1-216-864-11 | SHORT CHIP | 0 | | |

| REF.NO. | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|
| R3202 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3203 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3204 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3209 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R3212 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R3213 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R3215 | 1-218-867-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R3216 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3219 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R3220 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3221 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3222 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3224 | 1-218-867-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R3225 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R3229 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3230 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3231 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3232 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3233 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3236 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3237 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3240 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R3246 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3247 | 1-216-843-11 | METAL CHIP | 68K | 5% | 1/10W |
| R3248 | 1-216-851-11 | METAL CHIP | 330K | 5% | 1/10W |
| R3249 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R3250 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R3251 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R3252 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3253 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3255 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R3256 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3257 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R3259 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R3260 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R3261 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3262 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W |
| R3263 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R3264 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R3265 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W |
| R3266 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R3267 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R3268 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R3269 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R3270 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3271 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3272 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3273 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3274 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3275 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3276 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3277 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3278 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3279 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3280 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3281 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3282 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3283 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3284 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3285 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3286 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3287 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3288 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3289 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3290 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3291 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3292 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3293 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3295 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3296 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R3297 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3298 | 1-216-851-11 | METAL CHIP | 330K | 5% | 1/10W |
| R3299 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R3300 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R3301 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R3302 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R3303 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W |
| R3304 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W |
| R3305 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3310 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3311 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3320 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3321 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3350 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R3351 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R3352 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3355 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R3356 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3370 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3371 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3372 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3373 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3374 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R3375 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3376 | 1-220-397-11 | METAL CHIP | 4.7M | 5% | 1/10W |
| R3377 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3378 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3379 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3380 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3381 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |

| REF.NO. | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|
| R3382 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R3387 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3388 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3389 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R3392 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R3393 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R3394 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R4000 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R4001 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R4004 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R4005 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R4006 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R4007 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R4008 | 1-218-827-11 | METAL CHIP | 150 | 0.5% | 1/10W |
| R4009 | 1-218-827-11 | METAL CHIP | 150 | 0.5% | 1/10W |
| R4010 | 1-218-827-11 | METAL CHIP | 150 | 0.5% | 1/10W |
| R4011 | 1-218-827-11 | METAL CHIP | 150 | 0.5% | 1/10W |
| R4012 | 1-218-827-11 | METAL CHIP | 150 | 0.5% | 1/10W |
| R4013 | 1-218-827-11 | METAL CHIP | 150 | 0.5% | 1/10W |
| R4014 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R4015 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4016 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4017 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4018 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4019 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4020 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R4202 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R4204 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R4205 | 1-218-871-11 | METAL CHIP | 10K | 0.5% | 1/10W |
| R4206 | 1-218-871-11 | METAL CHIP | 10K | 0.5% | 1/10W |
| R4208 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4209 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4210 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R4211 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R4212 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R4220 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4232 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4235 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4236 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4237 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4239 | 1-218-847-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R4240 | 1-218-847-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R4241 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4242 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4243 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4244 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4245 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W |
| R4246 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4248 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4250 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R4252 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R4253 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R4254 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R4255 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R4256 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R4271 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R4272 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R5040 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5041 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5043 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5044 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5045 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5046 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5049 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W |
| R5050 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5051 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5053 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R5054 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5055 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5056 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R5057 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5058 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5060 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5061 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5062 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5063 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5064 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5625 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5626 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5629 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5630 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5631 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5632 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5633 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5634 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5635 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5636 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5637 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5638 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5639 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5640 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R5641 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R5644 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5645 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5646 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5647 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5648 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R5652 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5653 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5654 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |

| REF.NO. | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|
| R5655 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R5656 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R5657 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R5658 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R5661 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R5663 | 1-220-174-11 | RES-CHIP | 200 | 5% | 1/16W |
| R5664 | 1-220-174-11 | RES-CHIP | 200 | 5% | 1/16W |
| R5665 | 1-220-174-11 | RES-CHIP | 200 | 5% | 1/16W |
| R5666 | 1-220-174-11 | RES-CHIP | 200 | 5% | 1/16W |
| R5667 | 1-220-174-11 | RES-CHIP | 200 | 5% | 1/16W |
| R5668 | 1-220-174-11 | RES-CHIP | 200 | 5% | 1/16W |
| R5669 | 1-208-671-11 | METAL CHIP | 330 | 0.5% | 1/16W |
| R5671 | 1-208-679-11 | METAL CHIP | 680 | 0.5% | 1/16W |
| R5673 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5674 | 1-208-675-11 | METAL CHIP | 470 | 0.5% | 1/16W |
| R5676 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5677 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R5681 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5683 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5684 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5686 | 1-218-949-11 | RES-CHIP | 470 | 5% | 1/16W |
| R5687 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5689 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5691 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5693 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5695 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5697 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5699 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5701 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5703 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5706 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5707 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5710 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5712 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5714 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R5715 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5717 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5720 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5722 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5723 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5726 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5727 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5729 | 1-218-939-11 | RES-CHIP | 68 | 5% | 1/16W |
| R5730 | 1-218-941-11 | RES-CHIP | 100 | 5% | 1/16W |
| R5731 | 1-218-941-11 | RES-CHIP | 100 | 5% | 1/16W |
| R5732 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5733 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R5734 | 1-218-939-11 | RES-CHIP | 68 | 5% | 1/16W |
| R5735 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5736 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5737 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5738 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5739 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5740 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5744 | 1-218-949-11 | RES-CHIP | 470 | 5% | 1/16W |
| R5745 | 1-218-949-11 | RES-CHIP | 470 | 5% | 1/16W |
| R5750 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5751 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5752 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5753 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5754 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5755 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5756 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5757 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5758 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R5759 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5760 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5761 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5763 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5764 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5780 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R5781 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R5782 | 1-218-945-11 | RES-CHIP | 220 | 5% | 1/16W |
| R5783 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R5784 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5786 | 1-218-859-11 | METAL CHIP | 3.3K | 0.5% | 1/10W |
| R5789 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R5791 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5792 | 1-208-683-11 | METAL CHIP | 1K | 0.5% | 1/16W |
| R5793 | 1-208-683-11 | METAL CHIP | 1K | 0.5% | 1/16W |
| R5794 | 1-218-972-11 | RES-CHIP | 39K | 5% | 1/16W |
| R5795 | 1-218-972-11 | RES-CHIP | 39K | 5% | 1/16W |
| R5796 | 1-218-968-11 | RES-CHIP | 18K | 5% | 1/16W |
| R5797 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5798 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5799 | 1-218-968-11 | RES-CHIP | 18K | 5% | 1/16W |
| R5800 | 1-218-967-11 | RES-CHIP | 15K | 5% | 1/16W |
| R5801 | 1-218-967-11 | RES-CHIP | 15K | 5% | 1/16W |
| R5802 | 1-218-968-11 | RES-CHIP | 18K | 5% | 1/16W |
| R5803 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5804 | 1-218-968-11 | RES-CHIP | 18K | 5% | 1/16W |
| R5805 | 1-208-683-11 | METAL CHIP | 1K | 0.5% | 1/16W |
| R5806 | 1-220-174-11 | RES-CHIP | 200 | 5% | 1/16W |
| R5807 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5808 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5809 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5810 | 1-208-683-11 | METAL CHIP | 1K | 0.5% | 1/16W |
| R5811 | 1-218-935-11 | RES-CHIP | 33 | 5% | 1/16W |
| R5812 | 1-208-683-11 | METAL CHIP | 1K | 0.5% | 1/16W |
| R5813 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |

| REF.NO. | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|
| R5814 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5840 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5843 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5845 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5847 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5861 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5862 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5863 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5864 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5865 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5884 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R5890 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R5902 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5903 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5904 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5905 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5906 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R5922 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R5923 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R5925 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R5927 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R5930 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R5950 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5951 | 1-218-990-81 | SHORT CHIP | 0 | | |
| R5954 | 1-218-939-11 | RES-CHIP | 68 | 5"% | 1/16W |
| R5955 | 1-218-939-11 | RES-CHIP | 68 | 5"% | 1/16W |
| R5956 | 1-218-939-11 | RES-CHIP | 68 | 5"% | 1/16W |
| R5957 | 1-218-939-11 | RES-CHIP | 68 | 5"% | 1/16W |
| R5958 | 1-218-939-11 | RES-CHIP | 68 | 5"% | 1/16W |
| R5959 | 1-218-939-11 | RES-CHIP | 68 | 5"% | 1/16W |
| R6500 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6501 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6502 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6508 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6511 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6512 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6513 | 1-218-853-11 | METAL CHIP | 1.8K | 0.5% | 1/10W |
| R6514 | 1-218-861-11 | METAL CHIP | 3.9K | 0.5% | 1/10W |
| R6515 | 1-218-873-11 | METAL CHIP | 12K | 0.5% | 1/10W |
| R6516 | 1-218-877-11 | METAL CHIP | 18K | 0.5% | 1/10W |
| R6521 | 1-218-860-11 | METAL CHIP | 3.6K | 0.5% | 1/10W |
| R6522 | 1-218-855-11 | METAL CHIP | 2.2K | 0.5% | 1/10W |
| R6523 | 1-218-861-11 | METAL CHIP | 3.9K | 0.5% | 1/10W |
| R6524 | 1-218-850-11 | METAL CHIP | 1.3K | 0.5% | 1/10W |
| R6526 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6528 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6539 | 1-216-847-11 | METAL CHIP | 150K | 5% | 1/10W |
| R6540 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W |
| R6542 | 1-216-847-11 | METAL CHIP | 150K | 5% | 1/10W |
| R6543 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6547 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6548 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6549 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6550 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6551 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6552 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6554 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6555 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6556 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6558 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6559 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6560 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6568 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6569 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6570 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6572 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6573 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6574 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R6575 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W |
| R6577 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6578 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6581 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6582 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6596 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R9032 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R9034 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |

< RESISTOR CHIP >

| | | | |
|---|---|---|---|
| RB4205 | 1-239-409-11 | NETWORK RESISTOR (CHIP) 47 | |
| RB4206 | 1-239-409-11 | NETWORK RESISTOR (CHIP) 47 | |
| RB4208 | 1-239-409-11 | NETWORK RESISTOR (CHIP) 47 | |
| RB4209 | 1-239-409-11 | NETWORK RESISTOR (CHIP) 47 | |
| RB4211 | 1-239-409-11 | NETWORK RESISTOR (CHIP) 47 | |
| RB4212 | 1-239-409-11 | NETWORK RESISTOR (CHIP) 47 | |
| RB4214 | 1-233-796-11 | RES, NETWORK | (1608) |
| RB4215 | 1-233-796-11 | RES, NETWORK | (1608) |
| RB4216 | 1-233-796-11 | RES, NETWORK | (1608) |
| RB4217 | 1-233-796-11 | RES, NETWORK | (1608) |
| RB5040 | 1-234-371-21 | RES, NETWORK 47 | (1005X4) |
| RB5041 | 1-234-371-21 | RES, NETWORK 47 | (1005X4) |
| RB5680 | 1-234-702-11 | RES, NETWORK 68 | (1005X4) |
| RB5681 | 1-234-702-11 | RES, NETWORK 68 | (1005X4) |
| RB5682 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| RB5683 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| RB5684 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| RB5685 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| RB5686 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| RB5687 | 1-234-702-11 | RES, NETWORK 68 | (1005X4) |
| RB5688 | 1-234-702-11 | RES, NETWORK 68 | (1005X4) |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.



| REF.NO. | | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|---|
| RB5689 | | 1-239-409-11 | NETWORK RESISTOR (CHIP) | 47 | | |
| | | | < SWITCH > | | | |
| S3000 | | 1-572-921-11 | SWITCH, KEY BOARD | | | |
| S3001 | | 1-572-921-11 | SWITCH, KEY BOARD | | | |
| | | | < VARISTOR > | | | |
| VD4000 | | 1-803-974-21 | VARISTOR, CHIP | (1608) | | |
| VD4001 | | 1-803-974-21 | VARISTOR, CHIP | (1608) | | |
| VD4002 | | 1-803-974-21 | VARISTOR, CHIP | (1608) | | |
| VD4003 | | 1-803-974-21 | VARISTOR, CHIP | (1608) | | |
| VD4004 | | 1-803-974-21 | VARISTOR, CHIP | (1608) | | |
| | | | < CRYSTAL > | | | |
| X3000 | | 1-813-531-11 | OSCILLATOR, CRYSTAL UNIT | | | |
| X3001 | | 1-813-806-21 | OSCILLATOR, CRYSTAL | | | |
| X5040 | | 1-813-547-11 | QUARTZ CRYSTAL UNIT | | | |
| X5680 | | 1-813-055-11 | QUARTZ CRYSTAL UNIT | | | |
| X5780 | | 1-781-696-31 | VIBRATOR, CRYSTAL | | | |

***A-1189-415-A G1 Board Complete (KDL-26U2000 & KDL-32U2000 only)**

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 2-409-877-21 | WASHER (3X10), RS TITE SPRING | | | |
| | | | < CAPACITOR > | | | |
| C6000 | ⚠ | 1-113-924-11 | CERAMIC | 0.0047UF | 20.00% | 250V |
| C6001 | ⚠ | 1-161-964-91 | CERAMIC | 0.0047UF | | 250V |
| C6002 | ⚠ | 1-119-892-51 | CERAMIC | 470PF | 10.00% | 250V |
| C6003 | ⚠ | 1-165-529-11 | MYLAR | 0.22UF | 10 | 275V |
| C6004 | ⚠ | 1-165-530-11 | MYLAR | 0.47UF | 10 | 275V |
| C6005 | ⚠ | 1-119-892-51 | CERAMIC | 470PF | 10.00% | 250V |
| C6006 | ⚠ | 1-161-964-91 | CERAMIC | 0.0047UF | | 250V |
| C6007 | ⚠ | 1-119-892-51 | CERAMIC | 470PF | 10.00% | 250V |
| C6008 | ⚠ | 1-117-752-11 | ELECT(BLOCK) | 330UF | 20% | 450V |
| C6009 | | 1-162-970-11 | CERAMIC CHIP | 0.01UF | 10.00% | 25V |
| C6010 | | 1-162-964-11 | CERAMIC CHIP | 0.001UF | 10.00% | 50V |
| C6011 | | 1-107-888-11 | ELECT | 47UF | 20% | 25V |
| C6012 | ⚠ | 1-119-892-51 | CERAMIC | 470PF | 10.00% | 250V |
| C6013 | | 1-100-831-91 | CERAMIC CHIP | 0.001UF | 2% | 50V |
| C6014 | | 1-107-905-11 | ELECT | 4.7UF | 20% | 50V |
| C6015 | | 1-162-970-11 | CERAMIC CHIP | 0.01UF | 10.00% | 25V |
| C6016 | | 1-107-906-11 | ELECT | 10UF | 20% | 50V |
| C6018 | | 1-162-970-11 | CERAMIC CHIP | 0.01UF | 10.00% | 25V |
| C6019 | | 1-107-888-11 | ELECT | 47UF | 20% | 25V |
| C6020 | | 1-115-339-11 | CERAMIC CHIP | 0.1UF | 10.00% | 50V |
| C6021 | | 1-162-970-11 | CERAMIC CHIP | 0.01UF | 10.00% | 25V |
| C6022 | | 1-107-824-11 | CERAMIC | 220PF | 5.00% | 1KV |
| C6023 | | 1-107-824-11 | CERAMIC | 220PF | 5.00% | 1KV |
| C6024 | | 1-165-610-11 | FILM | 33000PF | 3% | 800V |
| C6025 | | 1-107-902-11 | ELECT | 1UF | 20% | 50V |
| C6027 | | 1-107-902-11 | ELECT | 1UF | 20% | 50V |
| C6028 | | 1-107-930-11 | ELECT | 22UF | 20% | 100V |
| C6029 | | 1-128-960-31 | ELECT | 1500UF | 20% | 35V |
| C6030 | | 1-128-951-21 | ELECT | 2200UF | 20% | 16V |
| C6031 | | 1-162-970-11 | CERAMIC CHIP | 0.01UF | 10.00% | 25V |
| C6032 | | 1-107-930-11 | ELECT | 22UF | 20% | 100V |
| C6033 | | 1-165-744-11 | ELECT | 1200UF | 20% | 35V |
| C6034 | | 1-165-744-11 | ELECT | 1200UF | 20% | 35V |
| C6039 | | 1-128-950-21 | ELECT | 1000UF | 20% | 16V |
| C6200 | | 1-136-201-61 | MYLAR | 0.22UF | 10.00% | 400V |
| C6201 | | 1-109-879-11 | CERAMIC | 22PF | 5.00% | 2KV |
| C6202 | | 1-107-905-11 | ELECT | 4.7UF | 20% | 50V |
| C6203 | | 1-107-906-11 | ELECT | 10UF | 20% | 50V |
| C6204 | | 1-162-964-11 | CERAMIC CHIP | 0.001UF | 10.00% | 50V |
| C6205 | | 1-107-909-11 | ELECT | 47UF | 20% | 50V |
| C6206 | | 1-104-331-11 | CERAMIC | 0.0022UF | 10.00% | 1KV |
| C6207 | | 1-162-115-00 | CERAMIC | 330PF | 10.00% | 1KV |
| C6208 | | 1-107-826-11 | CERAMIC CHIP | 0.1UF | 10.00% | 16V |
| C6209 | | 1-119-892-51 | CERAMIC | 470PF | 10.00% | 250V |
| C6210 | | 1-131-872-91 | CERAMIC CHIP | 1000PF | 10% | 630V |
| C6211 | | 1-128-945-31 | ELECT | 1000UF | 20% | 10V |
| C6212 | | 1-107-826-11 | CERAMIC CHIP | 0.1UF | 10.00% | 16V |
| C6300 | | 1-164-230-11 | CERAMIC CHIP | 220PF | 5.00% | 50V |
| C6301 | | 1-126-960-11 | ELECT | 1UF | 20.00% | 50V |
| C6302 | | 1-164-230-11 | CERAMIC CHIP | 220PF | 5.00% | 50V |
| C6303 | | 1-126-960-11 | ELECT | 1UF | 20.00% | 50V |
| C6304 | | 1-128-952-31 | ELECT | 220UF | 20.00% | 25V |
| C6306 | | 1-164-489-11 | CERAMIC CHIP | 0.22UF | 10.00% | 16V |
| C6307 | | 1-115-339-11 | CERAMIC CHIP | 0.1UF | 10.00% | 50V |
| C6308 | | 1-128-959-31 | ELECT | 1000UF | 20.00% | 35V |
| C6309 | | 1-128-959-31 | ELECT | 1000UF | 20.00% | 35V |
| C6310 | | 1-164-227-11 | CERAMIC CHIP | 0.022UF | 10.00% | 25V |
| C6311 | | 1-164-227-11 | CERAMIC CHIP | 0.022UF | 10.00% | 25V |
| C6312 | | 1-163-021-91 | CERAMIC CHIP | 0.01UF | 10.00% | 50V |
| C6313 | | 1-163-021-91 | CERAMIC CHIP | 0.01UF | 10.00% | 50V |
| C6315 | | 1-164-227-11 | CERAMIC CHIP | 0.022UF | 10.00% | 25V |
| C6316 | | 1-107-907-11 | ELECT | 22UF | 20% | 50V |
| | | | < CONNECTOR > | | | |
| CN6000 | ⚠ | *1-691-960-11 | PIN, CONNECTOR (PC BOARD) 3P | | | |
| CN6002 | | *1-785-705-11 | PIN, CONNECTOR (PC BOARD) 9P | | | |
| CN6003 | | *1-793-235-11 | PIN, CONNECTOR (PC BOARD) 13P | | | |
| CN6200 | | *1-785-703-21 | PIN, CONNECTOR (PC BOARD) 6P | | | |
| CN6300 | | *1-564-507-11 | PLUG, CONNECTOR 4P | | | |
| | | | < DIODE > | | | |
| D6000 | | 8-719-510-53 | DIODE D4SB60L | | | |
| D6004 | | 8-719-082-03 | DIODE MM3Z15VT1 | | | |
| D6005 | | 8-719-081-97 | DIODE MMDL914T1 | | | |
| D6006 | | 8-719-082-03 | DIODE MM3Z15VT1 | | | |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.



| REF.NO. | | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|---|
| D6007 | | 8-719-082-03 | DIODE MM3Z15VT1 | |
| D6008 | | 8-719-979-64 | DIODE UF4005/23 | |
| D6009 | | 8-719-082-03 | DIODE MM3Z15VT1 | |
| D6010 | | 8-719-082-03 | DIODE MM3Z15VT1 | |
| D6011 | | 6-501-505-01 | DIODE FCH08U10 | |
| D6012 | | 8-719-310-56 | DIODE FMB-29L | |
| D6013 | | 6-500-567-31 | DIODE 10ERB20-TB3 | |
| D6014 | | 6-501-505-01 | DIODE FCH08U10 | |
| D6015 | | 6-500-567-31 | DIODE 10ERB20-TB3 | |
| D6018 | | 8-719-310-56 | DIODE FMB-29L | |
| D6019 | | 8-719-083-70 | DIODE UDZSTE-1727B | |
| D6023 | | 8-719-083-87 | DIODE UDZS-TE17-33B | |
| D6200 | | 8-719-083-60 | DIODE UDZSTE-174.7B | |
| D6201 | | 8-719-081-97 | DIODE MMDL914T1 | |
| D6202 | | 6-500-567-31 | DIODE 10ERB20-TB3 | |
| D6203 | | 8-719-948-45 | DIODE ERA22-08 | |
| D6204 | | 8-719-080-75 | DIODE M1FL20U-4063 | |
| D6300 | | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| D6302 | | 8-719-069-55 | DIODE UDZSTE-175.6B | |
| | | | < TERMINAL BOARD > | |
| ET6000 | | 1-537-770-21 | TERMINAL BOARD, GROUND | |
| | | | < FUSE > | |
| F6000 | ⚠ | 1-576-231-51 | FUSE 4A 250V | |
| FH6000 | ⚠ | 1-533-725-11 | FUSE HOLDER | |
| | | | < IC > | |
| IC6000 | | 6-705-810-01 | IC MCZ3001DB | |
| IC6001 | | 8-759-586-17 | IC TL1431CZ-AP | |
| IC6002 | | 8-759-586-17 | IC TL1431CZ-AP | |
| IC6200 | | 6-600-279-01 | IC STR-A6169 | |
| IC6201 | | 8-759-586-17 | IC TL1431CZ-AP | |
| IC6300 | | 8-759-831-57 | IC TDA7495S | |
| | | | < COIL > | |
| L6000 | ⚠ | 1-456-507-12 | LINE FILTER COIL | |
| L6001 | ⚠ | 1-457-243-11 | INDUCTOR 37MH | |
| L6004 | | 1-406-971-11 | INDUCTOR 10UH | |
| L6005 | | 1-406-971-11 | INDUCTOR 10UH | |
| L6006 | ⚠ | 1-456-507-12 | LINE FILTER COIL | |
| L6200 | | 1-412-537-31 | INDUCTOR 100UH | |
| | | | < PHOTOCOUPLER > | |
| PH6000 | ⚠ | 6-600-187-01 | PHOTO COUPLER PC123Y22JOOF | |
| PH6001 | ⚠ | 6-600-187-01 | PHOTO COUPLER PC123Y22JOOF | |
| PH6002 | ⚠ | 6-600-187-01 | PHOTO COUPLER PC123Y22JOOF | |
| PH6200 | ⚠ | 6-600-187-01 | PHOTO COUPLER PC123Y22JOOF | |

| REF.NO. | | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|---|
| | | | < PROTECTOR MODULE > | |
| PS6000 | ⚠ | 1-533-596-21 | IC LINK 4A 90V | |
| PS6001 | ⚠ | 1-533-596-21 | IC LINK 4A 90V | |
| PS6002 | ⚠ | 1-533-595-31 | IC LINK 3.15A 90V | |
| | | | < TRANSISTOR > | |
| Q6000 | | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q6001 | | 8-729-010-08 | TRANSISTOR MSB710-R | |
| Q6002 | | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q6003 | | 6-551-545-01 | TRANSISTOR 2SK3469-01MR-F111 | |
| Q6004 | | 6-551-545-01 | TRANSISTOR 2SK3469-01MR-F111 | |
| Q6005 | | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q6006 | | 8-729-010-25 | TRANSISTOR MSD601-RT1 | |
| Q6007 | | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| Q6302 | | 8-729-010-29 | TRANSISTOR MSD601-RST1 | |
| Q6303 | | 8-729-010-05 | TRANSISTOR MSB709-RT1 | |
| | | | < RESISTOR > | |
| JR6313 | | 1-216-295-91 | SHORT CHIP 0 | |
| JR6314 | | 1-216-295-91 | SHORT CHIP 0 | |
| JR6315 | | 1-216-295-91 | SHORT CHIP 0 | |
| JR6316 | | 1-216-295-91 | SHORT CHIP 0 | |
| R6002 | ⚠ | 1-219-759-11 | METAL 1M 5% 1/2W | |
| R6009 | ⚠ | 1-202-933-61 | FUSIBLE 0.1 10% 1/2W | |
| R6010 | | 1-208-852-11 | METAL CHIP 820K 0.5% 1/10W | |
| R6011 | | 1-208-852-11 | METAL CHIP 820K 0.5% 1/10W | |
| R6012 | | 1-216-837-11 | METAL CHIP 22K 5% 1/10W | |
| R6013 | | 1-208-852-11 | METAL CHIP 820K 0.5% 1/10W | |
| R6016 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R6017 | | 1-208-803-11 | METAL CHIP 7.5K 0.5% 1/10W | |
| R6018 | | 1-218-881-11 | METAL CHIP 27K 0.5% 1/10W | |
| R6020 | | 1-218-823-11 | METAL CHIP 100 0.5% 1/10W | |
| R6022 | | 1-218-875-11 | METAL CHIP 15K 0.5% 1/10W | |
| R6024 | | 1-216-845-11 | METAL CHIP 100K 5% 1/10W | |
| R6025 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R6026 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R6027 | | 1-216-837-11 | METAL CHIP 22K 5% 1/10W | |
| R6028 | | 1-218-823-11 | METAL CHIP 100 0.5% 1/10W | |
| R6029 | | 1-216-837-11 | METAL CHIP 22K 5% 1/10W | |
| R6030 | | 1-249-393-11 | CARBON 10 5% 1/4W | |
| R6031 | | 1-249-393-11 | CARBON 10 5% 1/4W | |
| R6033 | | 1-216-821-11 | METAL CHIP 1K 5% 1/10W | |
| R6035 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R6036 | | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| R6037 | | 1-216-821-11 | METAL CHIP 1K 5% 1/10W | |
| R6038 | | 1-216-864-11 | SHORT CHIP 0 | |
| R6039 | | 1-216-864-11 | SHORT CHIP 0 | |
| R6040 | | 1-245-494-21 | METAL 2.2M 2% 1/4W | |
| R6041 | | 1-245-494-21 | METAL 2.2M 2% 1/4W | |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.



| REF.NO. | PART.NO | DESCRIPTION | | | REMARK |
|---|---|---|---|---|---|
| R6042 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R6043 | 1-245-315-71 | METAL OXIDE | 0.1 | 5% | 2W |
| R6044 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6045 | 1-245-315-71 | METAL OXIDE | 0.1 | 5% | 2W |
| R6046 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6047 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6048 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6049 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6050 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6051 | 1-249-377-11 | CARBON | 0.47 | 5% | 1/4W |
| R6052 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6053 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6054 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6055 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6057 | 1-216-822-11 | METAL CHIP | 1.2K | 5% | 1/10W |
| R6058 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6061 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6062 | 1-218-849-11 | METAL CHIP | 1.2K | 0.5% | 1/10W |
| R6063 | 1-218-868-11 | METAL CHIP | 7.5K | 0.5% | 1/10W |
| R6064 | 1-218-847-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R6066 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6068 | 1-260-332-51 | CARBON | 2.2K | 5% | 1/2W |
| R6201 | 1-216-353-00 | METAL OXIDE | 2.2 | 5% | 1W |
| R6202 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6203 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6204 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W |
| R6205 | 1-243-725-21 | METAL OXIDE | 100K | 5% | 1W |
| R6206 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R6207 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6208 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6209 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W |
| R6210 | 1-218-871-11 | METAL CHIP | 10K | 0.5% | 1/10W |
| R6211 | 1-218-871-11 | METAL CHIP | 10K | 0.5% | 1/10W |
| R6212 | 1-216-295-91 | SHORT CHIP | 0 | | |
| R6213 | 1-216-295-91 | SHORT CHIP | 0 | | |
| R6304 | 1-216-864-11 | METAL CHIP | 120K | 5% | 1/10W |
| R6306 | 1-216-864-11 | METAL CHIP | 120K | 5% | 1/10W |
| R6308 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R6309 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R6313 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R6314 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6315 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6316 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6317 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6318 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |

< TRANSFORMER >

| | | | |
|---|---|---|---|
| T6000 | ⚠ | 1-445-026-11 | CONVERTER TRANSFORMER (PIT) |
| T6001 | ⚠ | 1-445-027-11 | CONVERTER TRANSFORMER (PIT) |
| T6200 | ⚠ | 1-443-312-11 | TRANSFORMER, CONVERTER (SBT) |

< VARISTOR >

| | | | |
|---|---|---|---|
| VD6000 | ⚠ | 1-804-995-11 | VARISTOR |

**Note :** The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

| REF.NO. | PART.NO | DESCRIPTION | REMARK |
|---|---|---|---|

## MISCELLANEOUS

| | | | |
|---|---|---|---|
| | 1-826-479-11 | LOUDSPEAKER (4.2X15CM) (26/32U2000UK/AEP) | |
| | 1-826-478-11 | LOUDSPEAKER (4.2X24CM) (40U2000UK/AEP) | |
| | 8-597-585-00 | TUNER, FSS BTP-HC401 | |
| | 1-802-187-11 | LCD PANEL (26 WXGA TFT) (26U2000UK/AEP) | |
| | 1-802-188-11 | LCD PANEL (32 WXGA TFT) (32U2000UK/AEP) | |
| Revision 3.0 | 1-802-386-21 | LCD PANEL (40 WXGA TFT) (40U2000UK/AEP) | |
| ⚠ | 1-832-132-11 | POWER SUPPLY CORD (26/32/40U2000AEP) | |
| ⚠ | 1-832-170-11 | POWER SUPPLY CORD (UK PLUG) (26/32/40U2000UK) | |

## ACCESSORIES AND CONNECTORS

| | | | |
|---|---|---|---|
| | *1-910-026-42 | CONNECTOR ASSY 4P (26/32U2000UK/AEP) | |
| | *1-910-026-43 | CONNECTOR ASSY 4P (40U2000UK/AEP) | |
| | *1-910-026-45 | CONNECTOR ASSY 13P (26/32U2000UK/AEP) | |
| | *1-910-026-46 | CONNECTOR ASSY 14P (40U2000UK/AEP) | |
| | *1-910-026-48 | CONNECTOR ASSY 14P (26U2000UK/AEP) | |
| | *1-910-026-49 | CONNECTOR ASSY 14P (32U2000UK/AEP) | |
| | *1-910-026-50 | CONNECTOR ASSY 14P (40U2000/AEP/UK) | |
| | *1-910-026-52 | CONNECTOR ASSY 6P (40U2000/AEP/UK) | |
| | *1-910-026-53 | CONNECTOR ASSY 6P (26/32U2000UK/AEP) | |
| | *1-910-026-54 | FFC 20P | |
| | *1-910-026-57 | CONNECTOR ASSY 9P | |
| | *1-910-026-59 | SPEAKER HARNESS 26 (32U2000UK) | |
| | *1-910-026-60 | SPEAKER HARNESS 32 (32U2000UK/AEP) | |
| | *1-910-026-61 | SPEAKER HARNESS 40 (40U2000UK/AEP) | |
| | *1-910-026-62 | CONNECTOR ASSY 4P (32U2000UK/AEP) | |
| | *1-910-026-63 | CONNECTOR ASSY 4P (26U2000UK/AEP) | |
| | *1-910-026-65 | CONNECTOR ASSY 10P (26U2000UK/AEP) | |
| | *1-910-026-66 | CONNECTOR ASSY 10P (32U2000UK/AEP) | |
| | *1-910-026-67 | FFC 49P FOLDER (26/32U2000UK/AEP) | |
| | *1-910-026-68 | LVDS FIE-SHLDP 30P (26/32U2000UK/AEP) | |
| | *1-910-026-69 | LVDS FIR-SHLDP 30P (40U2000UK/AEP) | |
| | *1-910-026-71 | CONNECTOR ASSY 4P (40U2000UK/AEP) | |
| | *1-910-026-72 | CONNECTOR ASSY 10P (40U2000UK/AEP) | |
| | *1-910-033-22 | CONNECTOR ASSY 4P (32U2000UK/AEP) | |
| | 1-830-570-41 | CABLE, ANTENNA(WITH FILTER) (26U2000AEP) | |
| Revision 3.0 | 1-469-778-11 | CLAMP, FERRITE (26/32U2000UK/AEP) | |
| | 1-469-778-21 | CLAMP, FERRITE (40U2000UK/AEP) | |
| | 1-469-089-11 | FILTER, CLAMP (FERRITE CORE) (26/32U2000UK/AEP) | |
| | 2-595-155-01 | CLAMP (40U2000UK/AEP) | |
| | X-2102-511-2 | BAG ASSY, RUDDER LOCK | |
| | 2-591-688-02 | LOCK, RUDDER | |
| | 2-591-689-01 | BELT | |
| | 2-580-663-01 | SCREW, WOOD 3.8X20 | |
| | 2-593-320-02 | SCREW, COIN (M6X18) | |
| | *4-101-087-02 | BAG. PROTECTION CROSS (26U2000UK/AEP) | |

| | | | |
|---|---|---|---|
| Revision 3.0 | *2-682-331-13 | INSTRUCTION MANUAL (ENGLISH) (26/32/40U2000UK) | |
| | *2-682-331-23 | INSTRUCTION MANUAL (GERMAN/FRENCH/ITALIAN/ DUTCH) (26/32/40U2000AEP) | |
| | *2-682-331-33 | INSTRUCTION MANUAL (SPANISH/PORTUGUESE/ GREEK) (26/32/40U2000AEP) | |
| | *2-682-331-43 | INSTRUCTION MANUAL (ENGLISH/RUSSIAN/POLISH) (26/32/40U2000AEP) | |
| | *2-682-331-53 | INSTRUCTION MANUAL (SWEDISH/DANISH/FINNISH/ NORWEGIAN) (26/32/40U2000AEP) | |
| | *2-682-331-62 | INSTRUCTION MANUAL (ENGLISH/RUSSIAN) (32U2000AEP) | |
| | *2-693-044-11 | INSTRUCTION MANUAL (ENGLISH) (26/32U2000UK) | |
| | *2-693-044-21 | INSTRUCTION MANUAL (GERMAN/FRENCH/ITALIAN/ DUTCH) (32U2000AEP) | |
| | *2-693-044-31 | INSTRUCTION MANUAL (SPANISH/PORTUGUESE/ GREEK) (32U2000AEP) | |
| | *2-693-044-41 | INSTRUCTION MANUAL (ENGLISH/RUSSIAN/POLISH) (26U2000AEP) | |
| | *2-693-044-51 | INSTRUCTION MANUAL (SWEDISH/DANISH/FINNISH/ NORWEGIAN) (26U2000AEP) | |

## REMOTE COMMANDER

| | | | |
|---|---|---|---|
| | 1-479-847-11 | REMOTE COMMANDER (RM-ED007) | |

9-927-534-02

**Sony Corporation**
**Sony UK**
**Service Promotions Dept.**

**English**
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# HISTORY

**Model Name : KDL-26/32/40U2000**
**SERVICE MANUAL**

Click on Page Number to display detail of changes.

| Date | Part Number | Description of Revisions | Version |
|---|---|---|---|
| 2006.06 | 9-927-534-01 | Original Manual | 1.0 |
| 2006.09 | 9-927-534-81 | Supplement 1 - Alternative panel, BDTR board replaces | 2.0 |
| | | BDT board for KDL-26/32U2000. | |
| 2007.01 | 9-927-534-02 | Additional colour choice for Bezel assy, revised exploded | 3.0 |
| | | views, miscellaneous, accessories and connectors. | P61-63, P88 |
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